DOCUMENT RESUME

ED 115 873 CE 005 711

TITLE	Fall Department Head Report--Reporting Booklet 2.0 to the Massachusetts Division of Occupational Education (Fiscal Year Ending June 30, 1975) for Plumbing.
INSTITUTION	Management and Information System for Occupational Education, Winchester, Mass.
SPONS AGENCY	Massachusetts State Dept. of Education, Boston. Div. of Occupational Education.
PUB DATE	30 Jun 75
NOTE	282p.; For related documents, see ED 062 553; ED 068 646-647; ED 072 225; ED 072 228; ED 072 303-304; CE 005 687-727; Instructions for completing the booklet are available in CE 005 701
EDRS PRICE	MF-$0.76 HC-$14.59 Plus Postage
DESCRIPTORS	Annual Reports; Census Figures; Data Collection; Demonstration Projects; *Educational Objectives; Job Skills; *Management Information Systems; *Plumbing; Program Design; Program Evaluation; *Records (Forms); State Programs; Trade and Industrial Education; *Vocational Education
IDENTIFIERS	Census Data System; *Management Information System Occupational Educa; MISOE; Terminal Performance Objectives; TERMOBS

ABSTRACT

The reporting booklet is required for the Census Data System (CDS) of the Management Information System for Occupational Education (MISOE); it contains the reporting forms which collect data that describe program structure and job-entry skill outcomes expected of program completors in the individual occupational education area of plumbing. Utilization of instructional area is also determined. This booklet contains the terminal performance objectives (TERMOBS) for this program area. They are actually the forms by which the skills of program completors are reported by department heads. CDS, one of two major subsystems of the integrated management information system, was developed to provide occupational education managers with comprehensive data on which to base rational management decisions. Essentially, CDS contains descriptive information systematically structured in a manner which allows it to be used as a basis for sampling evaluative research studies. CDS collects and stores census data for all school systems offering occupational education programs, including all data formerly collected by the Annual Federal Report for Occupational Information, except followup data. (Author/AJ)

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ED115873

Misoe Number

Due Date

Name of School System

System ID No.

Name of School

School ID No.

Name of Preparer of Report

Title

Telephone No.

Name of Department or Instructional Area

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
(Fiscal Year Ending June 30, 1975)

for

PLUMBING

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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CE 005 711

Before filing said statement, the superintendent shall submit it to the chairman of the school committee, who shall countersign it on oath, if, after examination, he finds it correct.
(General Laws Relating to Education 1970: Chapter 72, Sec. 2A, Item 4, and Sec. 3, Item 2)

I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
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I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

______________________ (Date)

______________________ Superintendent of Schools

______________________ (Date)

______________________ Chairman of School Committee

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MIsoe Number ____________________

Table 2.1 Enrollment in Final Grade by Student Group & Terminal Objectives (TERMOB)

	1	2		3	
1.	Grade				
2.	Student Group Name and Number	101		102	
3.	USOE Code(s)				
4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4	
8.	Cooperative	Yes No		Yes No	
9.	Workstudy	Yes No		Yes No	
10.	Exploratory	Yes No		Yes No	
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13. TERMOB Numbers								

4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4	
8.	Cooperative	Yes	No	Yes	No
9.	Workstudy	Yes	No	Yes	No
10.	Exploratory	Yes	No	Yes	No
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13. TERMOB Numbers								

MIsoe Number

Table 2.I (Cont'd) Enrollment in Final Grade by Student Group

	4	5	6
1			
2.	103	104	105
3.			
4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.												

4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.												

Misoe Number ____________

Table 2.1 Enrollment in Final Grade by Student Group & Terminal Objective (TERMOB)

	7	8		9	
1.	Grade				
2.	Student Group Name and Number	106		107	
3.	USOE Code(s)				
4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4	
8.	Cooperative	Yes No		Yes No	
9.	Workstudy	Yes No		Yes No	
10.	Exploratory	Yes No		Yes No	
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13. TERMOB Numbers								

4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4	
8.	Cooperative	Yes No		Yes No	
9.	Workstudy	Yes No		Yes No	
10.	Exploratory	Yes No		Yes No	
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
12.	Enrollment	Male	Female	Male	Female

TERMOB Applicability

13. TERMOB Numbers								

Misoe Number ______

Table 2.1 (Cont'd) Enrollment in Final Grade by Student Group and Terminal Objectives (TERMOBS)

	10	11	12
1.			
2.			
3.	108	109	110
4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.												

3.	108	109	110
4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.												

MIsoe Number

Table 2.11 Enrollment in Lower Grades by Student Group

2		3		4		5		6	
201		202		203		204		205	
<1 1 2	3 4	<1 1 2	3 4	<1 1 2	3 4	<1 1 2	3 4	<1 1 2	3 4
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female

Table 2.11 Enrollment In Lower Grades by Student Group

1	2		3		4		5	
1. Grade								
2. Student Group Name and Number	201		202		203		204	
3. USOE Code(s)								
4. LEVEL Code								
5. Type Code								
6. Session Code								
7. Program Length (Years)	<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4	
8. Cooperative	Yes	No	Yes	No	Yes	No	Yes	No
9. Workstudy	Yes	No	Yes	No	Yes	No	Yes	No
10. Exploratory	Yes	No	Yes	No	Yes	No	Yes	No
11. Instructors and Teacher's Aides								
A. Full Time								
B. Percentage of Time								
	Male	Female	Male	Female	Male	Female	Male	Female
12. Enrollment								

Table 2.11 (Cont'd) Enrollment In Lower Grades by Student Group

9	9	10	11	12
206	207	208	209	210
<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Male Female	Male Female	Male Female	Male Female	Male Female

Misoe Number

Table 2.11 (Cont'd) Enrollment In Lower Grades by Student Group

7	8	9	10	11	
1. Grade					
2. Student Group Name and Number	206	207	208	209	
3. USOE Code(s)					
4. Level Code					
5. Type Code					
6. Session Code					
7. Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1
8. Cooperative	Yes No	Yes No	Yes No	Yes No	Y
9. Workstudy	Yes No	Yes No	Yes No	Yes No	Y
10. Exploratory	Yes No	Yes No	Yes No	Yes No	Y
11. Instructors and Teacher's Aides A. Full Time B. Percentage of Time	Male Female	Male Female	Male Female	Male Female	M
12. Enrollment					

Misoe Number

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	14	15	16	17	18
e	211	212	213	214	215
ears)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
l Time					
f Time					
	Male Female	Male Female	Male Female	Male Female	Male Female

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	13	14	15	16	17
1.	Grade				
2.	Student Group Name and Number	211	212	213	214
3.	USOE Code(s)				
4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No	Yes No	Yes No
9.	Workstudy	Yes No	Yes No	Yes No	Yes No
10.	Exploratory	Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides A. Full Time B. Percentage of Time				
12.	Enrollment	Male Female	Male Female	Male Female	Male Female

Misoe Number

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	20	21	22	23	24
	216	217	218	219	220
ars)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
Time					
Time					
	Male Female	Male Female	Male Female	Male Female	Male Female

Table 2.11 Enrollment In Lower Grades by Student Group (Cont'd)

	19	20	21	22	23	
1.	Grade					
2.	Student Group Name and Number	216	217	218	219	
3.	USOE Code(s)					
4.	Level Code					
5.	Type Code					
6.	Session Code					
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1
8.	Cooperative	Yes No	Yes No	Yes No	Yes No	Ye
9.	Workstudy	Yes No	Yes No	Yes No	Yes No	Ye
10.	Exploratory	Yes No	Yes No	Yes No	Yes No	Ye
11.	Instructors and Teacher's Aides					
	A. Full Time					
	B. Percentage of Time					
		Male Female	Male Female	Male Female	Male Female	Ma
12.	Enrollment					

Misoe Number

Table 2.2 Utilization of Student Class Time: Final Grade

	2	3	4	5	6	7	8	9	10	11
	101	102	103	104	105	106	107	108	109	110
reas										
lon										

Table 2.2 Utilization of Student Class Time: Final Grade

1		2	3	4	5	6	7	8	9
1.	Student Group Number	101	102	103	104	105	106	107	108
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Linas 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

	13	14	15	16	17	18	19	20	21	22
	111	112	113	114	115	116	117	118	119	120
as										
n										

Misoe Number

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

12	13	14	15	16	17	18	19	20
1. Student Group Number	111	112	113	114	115	116	117	118
2. Grade								
3. USOE COde(s)								
4. In Occupational Shop/Lab Area(s)								
5. In Occupational Related Area(s)								
6. Total Occupational Time (Lines 4+ 5)								
7. In Nonoccupational Areas								
8. Total All Areas (Lines 6 + 7)								
9. Length of Grade Session (weeks)								
10. Schedule Variation								
11. Additional Notes Necessary to Explain Lines 4 through 10								

Misoe Number

Table 2.21 Utilization of Student Class Time: Lower Grade

	2	3	4	5	6	7	8	9	10	11
	201	202	203	204	205	206	207	208	209	210
as										
n										

Table 2.21 Utilization of Student Class Time: Lower Grade

1	2	3	4	5	6	7	8	9
1. Student Group Number	201	202	203	204	205	206	207	208
2. Grade								
3. USOE Code(s)								
4. In Occupational Shop/Lab Area(s)								
5. In Occupational Related Area(s)								
6. Total Occupational Time (Lines 4 + 5)								
7. In Nonoccupational Areas								
8. Total All Areas (Lines 6 + 7)								
9. Length of Grade Session (Weeks)								
10. Schedule Variation								
11. Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

	13	14	15	16	17	18	19	20	21	22
	211	212	213	214	215	216	217	218	219	220
as										
n										

Misoe Number

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

12	13	14	15	16	17	18	19	20
1. Student Group Number	211	212	213	214	215	216	217	218
2. Grade								
3. USOE Code(s)								
4. In Occupational Shop/Lab Area(s)								
5. In Occupational Related Area(s)								
6. Total Occupational Time (Lines 4 + 5)								
7. In Nonoccupational Areas								
8. Total All Areas (Lines 6 + 7)								
9. Length of Grade Session (Weeks)								
10. Schedule Variation								
11. Additional Notes Necessary to Explain Lines 4 through 10								

Misoe Number

Table 2.3 Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						

c. [ ] Variable

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number ____________________

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable
2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE B							
6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5 B	Mon.						

c. [ ] Variable

WEEKLY OR SCHEDULE B

6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

c. [ ] Variable

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE B							
16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10B	Mon.						

b. [ ] Alternating b. [ ] No Semester Schedule Change
c. [ ] Variable

WEEKLY OR SCHEDULE B

16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number ____________

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

c. ☐ Variable

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat						
TOTALS							

Misoa Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE B							
26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15B	Mon.						

WEEKLY OR SCHELULE B

26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 Utilization of Departmental Instructional Area By Room

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A							
31	32	33		34		35	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						

Check Applicable Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A

31	32	33		34		35	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.5 (Cont d) Utilization of Departmental Instructional Area by Room

Check Applicaboe Program Schedule

1. a. ☐ Weekly
   b. ☐ Alternating
   c. ☐ Variable

2. a. ☐ Semester Schedule Change
   b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE B

36	37	38		39		40	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						
	Wed.						

36	37	38		39		40	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

TABLE T-1 - INSTRUCTIONAL DIVISION AND UNIT OUTLINE

PLUMBING AND PIPEFITTING

DOES THIS OUTLINE CONTAIN ALL OF THE INSTRUCTIONAL CONTENT OF YOUR PROGRAM? YES ________ NO ________

CODE	DIVISION	CODE	UNIT
01	DRAINS	01	BUILDING SEWER
		02	BUILDING DRAINS
		03	SEPTIC SYSTEM
		04	STORM
		05	SUPPORTS
02	STACKS	01	SOIL
		02	WASTE
		03	BRANCH INTERVALS
		04	BATTERIES
		05	VENT
		06	SUPPORTS
03	WASTES	01	ARMS
		02	BRANCHES
		03	SPECIAL
04	VENTS	01	CONTINUOUS
		02	WET
		03	BOW
		04	RELIEF
		05	COMMON
		06	BATTERY
		07	SUPPORTS
05	WATER SUPPLY	01	SERVICE
		02	METERS
		03	MAINS
		04	RISERS
		05	BRANCHES
		06	CONTROL VALVES
		07	AIR CHAMBERS
		08	SUPPORTS
06	HOT WATER	01	STORAGE TANKS
		02	TANKLESS HEATER
		03	SAFETY VALVES
		04	CIRCULATION
		05	VACUUM VALVE
		06	SUPPORTS
07	DOMESTIC	01	FIXTURES
		02	EXPOSED PIPING
		03	TRAPS
		04	TRIM
08	COMMERCIAL	01	DISPOSERS
		02	POT SINKS
		03	TRAPS
		04	WATER COOLERS
		05	URINALS
		06	FLUSHOMETER

02	STACKS	01	SOIL
		02	WASTE
		03	BRANCH INTERVALS
		04	BATTERIES
		05	VENT
		06	SUPPORTS
03	WASTES	01	ARMS
		02	BRANCHES
		03	SPECIAL
04	VENTS	01	CONTINUOUS
		02	WET
		03	BOW
		04	RELIEF
		05	COMMON
		06	BATTERY
		07	SUPPORTS
05	WATER SUPPLY	01	SERVICE
		02	METERS
		03	MAINS
		04	RISERS
		05	BRANCHES
		06	CONTROL VALVES
		07	AIR CHAMBERS
		08	SUPPORTS
06	HOT WATER	01	STORAGE TANKS
		02	TANKLESS HEATER
		03	SAFETY VALVES
		04	CIRCULATION
		05	VACUUM VALVE
		06	SUPPORTS
07	DOMESTIC	01	FIXTURES
		02	EXPOSED PIPING
		03	TRAPS
		04	TRIM
08	COMMERCIAL	01	DISPOSERS
		02	POT SINKS
		03	TRAPS
		04	WATER COOLERS
		05	URINALS
		06	FLUSHOMETER
09	MATH	01	SIZING D.W.V.
		02	OFFSETS
		03	AREAS
		04	ROOF DRAIN
		05	ELEVATIONS
		06	CAPACITIES
		07	SIZING VESSELS
		08	SIZING SAFETY VALVES

TABLE T-1 (CONT.) - INSTRUCTIONAL DIVISION AND UNIT OUTLINE

PLUMBING AND PIPEFITTING

CODE	DIVISION	CODE	UNIT
09	MATH (CONT.)	09	PERCENTAGES
		10	LABOR
		11	MATERIAL
		12	DISCOUNT
10	SCIENCE	01	GASES
		02	COMPRESSED AIR
		03	SPECIALTIES
		04	PRESSURES
		05	THERMAL EXPANSION
		06	FRICTION
		07	DRAINS
		08	VENTS
11	DRAWING AND BLUEPRINT	01	SYMBOLS
		02	SHOP
		03	ISOMETRIC
		04	DETAIL
12	CODE	01	PLUMBING
		02	GAS
		03	DEFINITIONS
		04	TABLES
13	SAFETY	01	30 HOURS - CONSTRUCTION SAFETY AND HEALTH

TABLE T-1A - ADDITIONAL INSTRUCTIONAL DIVISIONS AND UNITS

PLUMBING AND PIPEFITTING

CODE	DIVISION	CODE	UNIT

TABLE T-1A - ADDITIONAL INSTRUCTIONAL DIVISIONS AND UNITS (CONT'D)

PLUMBING AND PIPEFITTING

CODE	DIVISION	CODE	UNIT

TABLE T-2 - TERMOB DIVISION AND UNIT OUTLINE

PLUMBING AND PIPEFITTING

DOES THIS OUTLINE CONTAIN ALL TOPICS IN WHICH GRADUATES ACQUIRE JOB-ENTRY SKILLS? YES ______ NO ______

CODE	DIVISION	CODE	UNIT
01	PIPE INSTALLATION	01	BRASS PIPE
		02	COPPER PIPE
		03	SOIL PIPE
		04	PLASTIC PIPE
		05	IRON PIPE
		06	CEMENT ASBESTOS PIPE
02	FIXTURE INSTALLATION	01	TUBS AND SINKS
		02	TOILETS AND URINALS
		03	HEATING UNITS
		04	BOILERS
		05	RADIATORS
		06	DISPOSAL UNITS
		07	TANKS
		08	PUMPS
		09	VALVES
		10	DRYERS
03	REPAIR AND MAINTENANCE	01	LEAKS
		02	WATER HAMMER
		03	BLOCKAGE
		04	PRESSURE
		05	BACKUP
		06	THERMAL PROTECTION & MAINTENANCE
		07	FAUCETS
		08	TOILETS
		09	GASBURNERS
		10	BOILERS
		11	HEATING & COOLING UNITS
		12	FLUSHOMETERS

TABLE T-2A - ADDITIONAL TERMOB DIVISIONS AND UNITS

PLUMBING AND PIPEFITTING

CODE	DIVISION	CODE	UNIT

TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

and

REPORTING FORMS

MISOE NO. ______________

PROGRAM PLUMBING & PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 01 BRASS PIPE

TERMOB NO. 14-001

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE EXISTING
( ) 1.05 COPPER TUBING
( ) 1.06 SOLDERING EQUIPMENT
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD COPPER COLD SUPPLY LINE FOR EXTERIOR FAUCET TO BRASS SUPPLY LINE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 SHUT OFF WATER
( ) 2.06 DRILL HOLES
( ) 2.07 CUT PIPE
( ) 2.08 THREAD AND REAM PIPE
( ) 2.09 LAY PIPE AND VALVES
( ) 2.10 SEAL JOINTS
( ) 2.11 MAKE CONNECTION TO WATER SUPPLY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FAUCET IS INSTALLED AND CONFORMS TO VERBAL LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 COMPLETELY
( ) 3.06 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.07 ACCURATELY ± 1/32

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE EXISTING
( ) 1.05 COPPER TUBING
( ) 1.06 SOLDERING EQUIPMENT
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD COPPER COLD SUPPLY LINE FOR EXTERIOR FAUCET TO BRASS SUPPLY LINE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 SHUT OFF WATER
( ) 2.06 DRILL HOLES
( ) 2.07 CUT PIPE
( ) 2.08 THREAD AND REAM PIPE
( ) 2.09 LAY PIPE AND VALVES
( ) 2.10 SEAL JOINTS
( ) 2.11 MAKE CONNECTION TO WATER SUPPLY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FAUCET IS INSTALLED AND CONFORMS TO VERBAL LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 COMPLETELY
( ) 3.06 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.07 ACCURATELY ± 1/32
( ) 3.08 ACCURATELY INSURING SOUND JOINT
( ) 3.09 PROPERLY ALIGNED
( ) 3.10 WATERTIGHT
( ) 3.11 NEATLY
( ) 3.12 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING & PIPEFITTING

DIVISION 01 PIPE INSTALLATION

USOE CODE NO(S) ____________

UNIT 01 BRASS PIPE

TERMOB NO. 14-001

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-002

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR ROUGH IN WASTE FOR FIRST FLOOR BATHTUB
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 EXISTING DRAINAGE SYSTEM
( ) 1.06 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ROUGH IN WASTE FOR FIRST FLOOR BATHTUB EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 LAY PIPE
( ) 2.06 SWEAT JOINTS
( ) 2.07 CAP LINE
( ) 2.08 MAKE CONNECTION TO DRAINAGE SYSTEM
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BATHTUB WASTE LINE IS ROUGHED IN AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.05 FIRMLY SECURED
( ) 3.06 WATERTIGHT
( ) 3.07 AIRTIGHT
( ) 3.08 NEATLY
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS USING ACCEPTED TEST FOR WASTE LINE LEAKS

MISOE NO.

PROGRAM PLUMBING & PIPEFITTING
DIVISION 01 PIPE INSTALLATION
USOE CODE NO(S)
UNIT 02 COPPER PIPE
TERMOB NO. 14-002

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-003

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 BLUEPRINT (SHOP DRAWING)
( ) 1.04 COPPER TUBING
( ) 1.05 HOLES PUNCHED 4" ON CENTER
( ) 1.06 VALVES AND FITTINGS
( ) 1.07 APPROPRIATE CHROME CONNECTORS AND ADAPTERS
( ) 1.08 VARIOUS LENGTHS OF PIPE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL TWO ROUND WASH BASINS SET IN A VANITY EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL VALVES AND DRAIN
( ) 2.05 CUT TUBING
( ) 2.06 MAKE CONNECTION TO WASTE PIPE
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY
( ) 2.08 INSPECT OPERATION OF SYSTEM
( ) 2.09 ADJUST SYSTEM AS NECESSARY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 ROUND WASH BASINS INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONNECTION
( ) 3.03 INSURING SOUND CONSTRUCTION AT MINIMAL COST
( ) 3.04 PROPERLY ALIGNED
( ) 3.05 ACCURATELY ± 1/32 INCH
( ) 3.06 WATER TIGHT
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 OPERATING PROPERLY WITH NO LEAKS
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S STANDARDS

MISOE NO. ______________

PROGRAM PLUMBING & PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-003

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-004

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 PHOTOGRAPHIC RINSE SINK
( ) 1.03 BLUEPRINT (SHOP DRAWING)
( ) 1.04 COLD WATER LINE OVERHEAD
( ) 1.05 COPPER TUBING 1/2"
( ) 1.06 BALL VALVE, SYPHON BREAKER, AIR GAP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL WATER SUPPLY TO PHOTOGRAPHIC RINSE SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT TUBING
( ) 2.06 INSTALL TUBING
( ) 2.07 INSTALL BALL VALVE, SYPHON BREAKER AND AIR GAP
( ) 2.08 MAKE CONNECTION TO WATER SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WATER SUPPLY INSTALLED CONFORMING TO BLUEPRINT AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING TO BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINTS
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY AND WATER TIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S STANDARDS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-004

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-005

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.06 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.07 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ROUGH IN WASH BASIN SUPPLY LINES IN A FIRST FLOOR BATHROOM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 LAY PIPE
( ) 2.06 SWEAT JOINTS
( ) 2.07 CAP LINES
( ) 2.08 MAKE CONNECTION TO WATER SUPPLY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SUPPLY LINES ROUGHED IN CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.05 FIRMLY SECURED
( ) 3.06 WATERTIGHT
( ) 3.07 WATERTIGHT
( ) 3.08 NEATLY
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-005

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-006

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR INSTALLATION OF BASEMENT PLUMBING
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 EXISTING HEATING UNIT WITH TANKLESS WATER HEATER
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 DOMESTIC SUPPLY LINES RUN FROM FIXTURES TO BASEMENT CEILING
( ) 1.09 COLD WATER SUPPLY LINE CAPPED AT METER
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL BASEMENT PLUMBING FOR DOMESTIC HOT WATER SUPPLY EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 MAKE UP ALL ADAPTERS
( ) 2.05 SET MIXING VALVE
( ) 2.06 LAY PIPE
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY AND SOLDER
( ) 2.08 TURN ON WATER
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PLUMBING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 WATERTIGHT
( ) 3.05 PROPER LOCATION TO MANUFACTURER'S SPECIFICATIONS
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 WATERTIGHT
( ) 3.08 SLOWLY

( ) 1.01 BLUEPRINT FOR INSTALLATION OF BASEMENT PLUMBING
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 EXISTING HEATING UNIT WITH TANKLESS WATER HEATER
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 DOMESTIC SUPPLY LINES RUN FROM FIXTURES TO BASEMENT CEILING
( ) 1.09 COLD WATER SUPPLY LINE CAPPED AT METER
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL BASEMENT PLUMBING FOR DOMESTIC HOT WATER SUPPLY EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 MAKE UP ALL ADAPTERS
( ) 2.05 SET MIXING VALVE
( ) 2.06 LAY PIPE
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY AND SOLDER
( ) 2.08 TURN ON WATER
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PLUMBING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 WATERTIGHT
( ) 3.05 PROPER LOCATION TO MANUFACTURER'S SPECIFICATIONS
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 WATERTIGHT
( ) 3.08 SLOWLY
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 01 PIPE INSTALLATION

UNIT 02 COPPER PIPE

TERMOB NO. 14-006

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-007

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.03 SEPTIC TANK
( ) 1.04 BUILDING DRAIN
( ) 1.05 BLUEPRINT (SHOP DRAWING)
( ) 1.06 CAST IRON SOIL PIPE OR COMPOSITION PIPE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL SEWER FROM BUILDING DRAIN TO SEPTIC TANK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 MAKE CONNECTION TO DRAIN
( ) 2.05 MAKE CONNECTION TO SEPTIC TANK
( ) 2.06 LAY PIPE
( ) 2.07 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SEWER INSTALLED IN ACCORDANCE TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 WATERTIGHT
( ) 3.05 WATERTIGHT
( ) 3.06 PROPERLY ALIGNED, WATERTIGHT
( ) 3.07 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-007

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-008

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 LEADING EQUIPMENT (TABLE T-3B)
( ) 1.03 VERBAL INSTRUCTIONS - SHOP DRAWING
( ) 1.04 CAST IRON SOIL PIPE
( ) 1.05 NO-HUB WYE FITTING
( ) 1.06 COUPLINGS AND BANDS
( ) 1.07 DRAIN UNDER BASEMENT FLOOR

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CUT A WYE FITTING INTO HOUSE DRAIN LOCATED UNDER BASEMENT FLOOR EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE DRAIN
( ) 2.05 MEASURE FITTING AND DRAIN
( ) 2.06 CUT DRAIN
( ) 2.07 INSTALL NO-HUB WYE
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WYE FITTING CUT INTO DRAIN CONFORMING TO SHOP DRAWING AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE TO SHOP DRAWING
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 WITH MINIMAL AMOUNT OF DAMAGE TO BASEMENT FLOOR
( ) 3.05 ACCURATELY INSURING PROPER FIT
( ) 3.06 ACCURATELY INSURING PROPER FIT
( ) 3.07 WATERTIGHT USING PROPER TORQUE ON COUPLINGS AND BANDS
( ) 3.08 SYSTEM CONFORMS TO ACCEPTED PLUMBING STANDARDS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ________________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 01	PIPE INSTALLATION
USOE CODE NO(S)		UNIT 03	SOIL PIPE
		TERMOB NO.	14-008

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-009

1.00 CONDITION

( ) 1.01 BLUEPRINT OR SHOP DRAWING
( ) 1.02 CAST IRON PIPE
( ) 1.03 LOCKER ROOM WITH EXPOSED WALL AND FLOOR
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL DRAINS AND VENTS FOR A BATTERY OF SIX FLOOR-MOUNTED LOOP-VENTED WATER CLOSETS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT PROPER MATERIALS
( ) 2.04 DRILL HOLES AS NECESSARY
( ) 2.05 CUT PIPE
( ) 2.06 ASSEMBLE PIPE AND MAKE JOINTS
( ) 2.07 CONNECT TO MAIN BUILDING STACK

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DRAINS AND VENTS INSTALLED TO THE APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY
( ) 3.05 ACCURATELY + 1/8"
( ) 3.06 PROPERLY ALIGNED, SUPPORTED AND WATERTIGHT
( ) 3.07 WATERTIGHT

MISOE NO. ______________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 01	PIPE INSTALLATION
USOE CODE NO(S)		UNIT 03	SOIL PIPE
		TERMOB NO.	14-009

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-010

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR SINGLE FAMILY HOUSE, ONE BATHROOM, ONE STACK
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 SOIL PIPE
( ) 1.05 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.06 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.07 LEADING EQUIPMENT (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL ALL DRAINS, WASTES AND VENTS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 ASSEMBLE DRAIN
( ) 2.06 ASSEMBLE STACK
( ) 2.07 ASSEMBLE VENT
( ) 2.08 ASSEMBLE WASTES
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DRAIN, STACK AND VENT INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 TO CONFORM TO BLUEPRINT WITHIN 1/4"
( ) 3.05 WATERTIGHT AND PROPERLY SECURED
( ) 3.06 WATERTIGHT AND PROPERLY SECURED
( ) 3.07 WATERTIGHT AND PROPERLY SECURED
( ) 3.08 NEATLY
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS USING ACCEPTED TEST FOR LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-010

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-011

1.00 CONDITION

( ) 1.01 BLUEPRINT OR SHOP DRAWING
( ) 1.02 SUPPORTS
( ) 1.03 BELL AND SPIGOT IN SYSTEM TO BE JOINED HORIZONTALLY
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 LEADING EQUIPMENT (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL CAST IRON SOIL PIPE REQUIRING HORIZONTAL JOINT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 PREPARE PIPE
( ) 2.03 POSITION PIPE
( ) 2.04 SUPPORT PIPE
( ) 2.05 PACK HUB WITH OAKUM
( ) 2.06 PUSH JOINT RUNNER UP AGAINST HUB
( ) 2.07 SEAL GATE
( ) 2.08 POUR JOINT
( ) 2.09 REMOVE ASBESTOS JOINT RUNNER
( ) 2.10 CUT AWAY EXCESS LEAD
( ) 2.11 CAULK JOINT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 HORIZONTAL JOINT MADE PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1/2 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PIPE IS DRY
( ) 3.03 AT DESIRED GRADE OR ANGLE EVENLY SPACED CIRCUMFERENCE BETWEEN HUB AND SPIGOT
( ) 3.04 SECURELY
( ) 3.05 TO WITHIN ONE INCH OF FACE OF HUB
( ) 3.06 TIGHTLY
( ) 3.07 TIGHTLY, NO LEAKS
( ) 3.08 CAREFULLY, TO THE TOP OF THE HUB
( ) 3.09 AFTER SUFFICIENT COOLING
( ) 3.10 FOR NEAT,TIGHT JOINT
( ) 3.11 FOR NEAT, TIGHT JOINT

MISOE NO. __________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) __________

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-011

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-012

1.00 CONDITION

( ) 1.01 BLUEPRINT OR SHOP DRAWING
( ) 1.02 BELL AND SPIGOT PIPE
( ) 1.03 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.04 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.05 PACKING TOOLS
( ) 1.06 HAMMER
( ) 1.07 RULER
( ) 1.08 MELTING FURNACE WITH HOT LEAD AND LADLE
( ) 1.09 INSIDE CAULKING IRON
( ) 1.10 8 OZ. BALL PEEN HAMMER
( ) 1.11 OUTSIDE CAULKING IRON

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL CAST IRON SOIL PIPE REQUIRING VERTICAL JOINT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 INSPECT BELL AND SPIGOT ENDS OF PIPES TO BE CAULKED
( ) 2.03 HEAT ENDS
( ) 2.04 PLACE SPIGOT END OF PIPE INTO BELL OF PIPE BELOW AND SUPPORT
( ) 2.05 PACK OAKUM INTO JOINT
( ) 2.06 POUR LEAD INTO JOINT
( ) 2.07 ALLOW LEAD TO COOL
( ) 2.08 CAULK LEAD ON OUTSIDE
( ) 2.09 CAULK LEAD ON INSIDE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 VERTICAL JOINT MADE PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FOR MOISTURE OR CRACKS
( ) 3.03 PIPE IS DRY
( ) 3.04 EQUAL SPACE BETWEEN PIPE AND BELL IS MAINTAINED AROUND CIRCUMFERENCE, ADEQUATELY SUPPORTED
( ) 3.05 TO WITHIN 1 INCH OF HUB TOP
( ) 3.06 TO MAKE JOINT IN ONE POURING
( ) 3.07 ONE OR TWO MINUTES
( ) 3.08 TO DRIVE LEAD TOWARD INSIDE

1.00 CONDITION

( ) 1.01 BLUEPRINT OR SHOP DRAWING
( ) 1.02 BELL AND SPIGOT PIPE
( ) 1.03 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.04 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.05 PACKING TOOLS
( ) 1.06 HAMMER
( ) 1.07 RULER
( ) 1.08 MELTING FURNACE WITH HOT LEAD AND LADLE
( ) 1.09 INSIDE CAULKING IRON
( ) 1.10 8 OZ. BALL PEEN HAMMER
( ) 1.11 OUTSIDE CAULKING IRON

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL CAST IRON SOIL PIPE REQUIRING VERTICAL JOINT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 INSPECT BELL AND SPIGOT ENDS OF PIPES TO BE CAULKED
( ) 2.03 HEAT ENDS
( ) 2.04 PLACE SPIGOT END OF PIPE INTO BELL OF PIPE BELOW AND SUPPORT
( ) 2.05 PACK OAKUM INTO JOINT
( ) 2.06 POUR LEAD INTO JOINT
( ) 2.07 ALLOW LEAD TO COOL
( ) 2.08 CAULK LEAD ON OUTSIDE
( ) 2.09 CAULK LEAD ON INSIDE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 VERTICAL JOINT MADE PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FOR MOISTURE OR CRACKS
( ) 3.03 PIPE IS DRY
( ) 3.04 EQUAL SPACE BETWEEN PIPE AND BELL IS MAINTAINED AROUND CIRCUMFERENCE, ADEQUATELY SUPPORTED
( ) 3.05 TO WITHIN 1 INCH OF HUB TOP
( ) 3.06 TO MAKE JOINT IN ONE POURING
( ) 3.07 ONE OR TWO MINUTES
( ) 3.08 TO DRIVE LEAD TOWARD INSIDE
( ) 3.09 JOINT TIGHT

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MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-012

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-013

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR CONNECTING BUILDING SEWERE TO MAIN SEWER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SOIL, CLAY OR CEMENT PIPE OF APPROPRIATE LENGTHS AND DIAMETERS
( ) 1.04 VITRIFIED CLAY OR CONCRETE WYE FITTING
( ) 1.05 PREFORMED BITUMASTIC RINGS
( ) 1.06 BRICKS AND MORTAR
( ) 1.07 EXPOSED CITY OR MAIN SEWER
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.10 EXCAVATED TRENCH
( ) 1.11 LEADING EQUIPMENT (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CONNECT BUILDING SEWER TO CITY OR MAIN SEWER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT FITTING INTO MAIN SEWER
( ) 2.05 LAY PIPES
( ) 2.06 SEAL JOINTS
( ) 2.07 MAKE CONNECTION TO MAIN SEWER
( ) 2.08 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 DRAINAGE SYSTEM INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 TO CONFORM TO BLUEPRINT ± 1/32
( ) 3.05 ADEQUATELY SUPPORTED
( ) 3.06 WATERTIGHT
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 OPERATING PROPERLY WITH NO LEAKS USING ACCEPTED

( ) 1.01 BLUEPRINT FOR CONNECTING BUILDING SEWERE TO MAIN SEWER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SOIL, CLAY OR CEMENT PIPE OF APPROPRIATE LENGTHS AND DIAMETERS
( ) 1.04 VITRIFIED CLAY OR CONCRETE WYE FITTING
( ) 1.05 PREFORMED BITUMASTIC RINGS
( ) 1.06 BRICKS AND MORTAR
( ) 1.07 EXPOSED CITY OR MAIN SEWER
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.10 EXCAVATED TRENCH
( ) 1.11 LEADING EQUIPMENT (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CONNECT BUILDING SEWER TO CITY OR MAIN SEWER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT FITTING INTO MAIN SEWER
( ) 2.05 LAY PIPES
( ) 2.06 SEAL JOINTS
( ) 2.07 MAKE CONNECTION TO MAIN SEWER
( ) 2.08 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 DRAINAGE SYSTEM INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 TO CONFORM TO BLUEPRINT ± 1/32
( ) 3.05 ADEQUATELY SUPPORTED
( ) 3.06 WATERTIGHT
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 OPERATING PROPERLY WITH NO LEAKS USING ACCEPTED TEST FOR LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 03 SOIL PIPE

TERMOB NO. 14-013

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 04 PLASTIC PIPE

TERMOB NO. 14-014

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 PLASTIC PIPE
( ) 1.05 SHOWER VALVE AND HEAD
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD A WALL SHOWER TO EXISTING COPPER BATHTUB SUPPLY LINES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 DRILL HOLES
( ) 2.06 SHUT OFF WATER
( ) 2.07 MEASURE AND CUT PIPE
( ) 2.08 LAY PIPE AND MIXING VALVE
( ) 2.09 SOLDER AND SEAL JOINTS
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SHOWER IS INSTALLED AND CONFORMS TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.06 WATER OFF
( ) 3.07 ACCURATELY ± 1/32
( ) 3.08 PROPERLY ALIGNED
( ) 3.09 WATERTIGHT

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 PLASTIC PIPE
( ) 1.05 SHOWER VALVE AND HEAD
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD A WALL SHOWER TO EXISTING COPPER BATHTUB SUPPLY LINES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 DRILL HOLES
( ) 2.06 SHUT OFF WATER
( ) 2.07 MEASURE AND CUT PIPE
( ) 2.08 LAY PIPE AND MIXING VALVE
( ) 2.09 SOLDER AND SEAL JOINTS
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SHOWER IS INSTALLED AND CONFORMS TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING WITH VEREAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.06 WATER OFF
( ) 3.07 ACCURATELY ± 1/32
( ) 3.08 PROPERLY ALIGNED
( ) 3.09 WATERTIGHT
( ) 3.10 NEATLY
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 01	PIPE INSTALLATION
USOE CODE NO(S)		UNIT 04	PLASTIC PIPE
		TERMOB NO.	14-014

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. __________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 04 PLASTIC PIPE

TERMOB NO. 14-015

1.00 CONDITION

( ) 1.01 BLUEPRINT OF A SPRINKLER SYSTEM IN A 10' x 60' LAWN
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 PLASTIC PIPE
( ) 1.05 SPRINKLER HEADS
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL LAWN SPRINKLER SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXCAVATE
( ) 2.05 CUT PIPE
( ) 2.06 LAY PIPE
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO WATER SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SPRINKLERS ARE INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES AND CONFORM TO BLUEPRINT TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY
( ) 3.05 ACCURATELY ± 1/32
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 WATERTIGHT
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

( ) 1.01 BLUEPRINT OF A SPRINKLER SYSTEM IN A 10' x 60' LAWN
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 PLASTIC PIPE
( ) 1.05 SPRINKLER HEADS
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL LAWN SPRINKLER SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXCAVATE
( ) 2.05 CUT PIPE
( ) 2.06 LAY PIPE
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO WATER SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SPRINKLERS ARE INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES AND CONFORM TO BLUEPRINT TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY
( ) 3.05 ACCURATELY ± 1/32
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 WATERTIGHT
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 01	PIPE INSTALLATION
USOE CODE NO(S)		UNIT 04	PLASTIC PIPE
		TERMOB NO.	14-015

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-016

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 IRON PIPE
( ) 1.05 EXISTING GAS MAIN TO METER
( ) 1.06 FITTINGS/CONNECTORS/ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 WATER HEATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL GAS SUPPLY TO WATER HEATER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE
( ) 2.06 LAY PIPE
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO GAS SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 GAS SUPPLY LINE INSTALLED ACCORDING TO STATE CODES AND ACCEPTED TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32
( ) 3.05 ACCURATELY, INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 GAS TIGHT
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO LOCAL CODES
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS USING APPROPRIATE

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 IRON PIPE
( ) 1.05 EXISTING GAS MAIN TO METER
( ) 1.06 FITTINGS/CONNECTORS/ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 WATER HEATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL GAS SUPPLY TO WATER HEATER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE
( ) 2.06 LAY PIPE
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO GAS SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 GAS SUPPLY LINE INSTALLED ACCORDING TO STATE CODES AND ACCEPTED TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32
( ) 3.05 ACCURATELY, INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 GAS TIGHT
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO LOCAL CODES
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS USING APPROPRIATE TESTING METHOD

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-016

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-017

1.00 CONDITION

( ) 1.01 BLUEPRINT (SHOP DRAWING)
( ) 1.02 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.03 FOUR EXISTING RADIATORS
( ) 1.04 EXISTING PUMP AND RECEIVER
( ) 1.05 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.06 GALVANIZED IRON PIPE
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS, TRAPS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (HANGERS, STRAPS, RODS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL RETURN LINES FOR WATER RADIATORS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 LAY PIPE
( ) 2.08 SEAL JOINTS
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AND ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.05 ACCURATELY ± 1/32
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 WATERTIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

( ) 1.01 BLUEPRINT (SHOP DRAWING)
( ) 1.02 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.03 FOUR EXISTING RADIATORS
( ) 1.04 EXISTING PUMP AND RECEIVER
( ) 1.05 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.06 GALVANIZED IRON PIPE
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS, TRAPS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (HANGERS, STRAPS, RODS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL RETURN LINES FOR WATER RADIATORS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 LAY PIPE
( ) 2.08 SEAL JOINTS
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AND ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.05 ACCURATELY ± 1/32
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 WATERTIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

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MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-017

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-018

1.00 CONDITION

( ) 1.01 BLUEPRINT (SHOP DRAWING)
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SINGLE FAMILY HOUSE
( ) 1.04 GAS WATER HEATER IN BASEMENT
( ) 1.05 FREE STANDING GAS STOVE ON FIRST FLOOR
( ) 1.06 GAS SERVICE CAPPED AT FOUNDATION
( ) 1.07 ASSORTED BLACK MALLEABLE FITTINGS
( ) 1.08 METER BAR
( ) 1.09 BLACK PIPE OF ASSORTED DIAMETERS
( ) 1.10 ADJUST SYSTEM AS NECESSARY
( ) 1.11 HANGERS, STRAPS, ETC.

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL GAS SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 LAY PIPE
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTIONS TO GAS SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 GAS SYSTEM INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY, LESS THAN 1/8" OVERSIZE
( ) 3.05 ACCURATELY, ± 1/32"
( ) 3.06 ACCURATELY, INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED

( ) 1.01 BLUEPRINT (SHOP DRAWING)
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SINGLE FAMILY HOUSE
( ) 1.04 GAS WATER HEATER IN BASEMENT
( ) 1.05 FREE STANDING GAS STOVE ON FIRST FLOOR
( ) 1.06 GAS SERVICE CAPPED AT FOUNDATION
( ) 1.07 ASSORTED BLACK MALLEABLE FITTINGS
( ) 1.08 METER BAR
( ) 1.09 BLACK PIPE OF ASSORTED DIAMETERS
( ) 1.10 ADJUST SYSTEM AS NECESSARY
( ) 1.11 HANGERS, STRAPS, ETC.

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL GAS SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 LAY PIPE
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTIONS TO GAS SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 GAS SYSTEM INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY, LESS THAN 1/8" OVERSIZE
( ) 3.05 ACCURATELY, ± 1/32"
( ) 3.06 ACCURATELY, INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 AIRTIGHT
( ) 3.09 NEATLY
( ) 3.10 SYSTEN CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS USING APPROPRIATE TESTING METHOD

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-018

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-019

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR ADDING WATER RADIATOR TO EXISTING HOT WATER HEATING SYSTEM
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BLACK IRON PIPE
( ) 1.05 EXISTING HEATING UNIT WITH CIRCULATING PUMPS, VALVES AND CONTROLS
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 WATER RADIATOR PIPES RUN TO BASEMENT CEILING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ADD A WATER RADIATOR TO AN EXISTING HOT WATER HEATING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD AND REAM
( ) 2.07 INSTALL PIPE
( ) 2.08 MAKE CONNECTIONS TO WATER SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PLUMBING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8 INCH OVERSIZE
( ) 3.05 ACCURATELY ± 1/32 INCH
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS

( ) 1.01 BLUEPRINT FOR ADDING WATER RADIATOR TO EXISTING HOT WATER HEATING SYSTEM
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BLACK IRON PIPE
( ) 1.05 EXISTING HEATING UNIT WITH CIRCULATING PUMPS, VALVES AND CONTROLS
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 WATER RADIATOR PIPES RUN TO BASEMENT CEILING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD A WATER RADIATOR TO AN EXISTING HOT WATER HEATING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRILL HOLES
( ) 2.05 CUT PIPE
( ) 2.06 THREAD AND REAM
( ) 2.07 INSTALL PIPE
( ) 2.08 MAKE CONNECTIONS TO WATER SUPPLY
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PLUMBING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 NEATLY LESS THAN 1/8 INCH OVERSIZE
( ) 3.05 ACCURATELY ± 1/32 INCH
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-019

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 05 IRON PIPE

TERMOB NO. 14-020

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED STEEL OR WROUGHT IRON PIPE (UNTHREADED)
( ) 1.05 EXISTING HOUSE PLUMBING
( ) 1.06 THREADING EQUIPMENT
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD SUPPLY AND WASTE LINES FOR A WASHING MACHINE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 DRILL HOLES
( ) 2.06 THREAD PIPE
( ) 2.07 LAY PIPE
( ) 2.08 INSTALL VALVES
( ) 2.09 SEAL JOINTS
( ) 2.10 MAKE CONNECTIONS TO DRAINAGE SYSTEM
( ) 2.11 MAKE CONNECTION TO WATER SUPPLY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SUPPLY AND WASTE LINES INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 FIRMLY SECURED

1.00 CONDITION

☐ 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
☐ 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
☐ 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
☐ 1.04 GALVANIZED STEEL OR WROUGHT IRON PIPE (UNTHREADED)
☐ 1.05 EXISTING HOUSE PLUMBING
☐ 1.06 THREADING EQUIPMENT
☐ 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
☐ 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
☐ 2.01 ADD SUPPLY AND WASTE LINES FOR A WASHING MACHINE EMPLOYING THE FOLLOWING OPERATIONS:

☐ 2.02 TAKE MEASUREMENTS
☐ 2.03 SELECT MATERIALS FOR JOB
☐ 2.04 EXPOSE EXISTING PLUMBING
☐ 2.05 DRILL HOLES
☐ 2.06 THREAD PIPE
☐ 2.07 LAY PIPE
☐ 2.08 INSTALL VALVES
☐ 2.09 SEAL JOINTS
☐ 2.10 MAKE CONNECTIONS TO DRAINAGE SYSTEM
☐ 2.11 MAKE CONNECTION TO WATER SUPPLY
☐ 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
☐ 3.01 SUPPLY AND WASTE LINES INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

☐ 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
☐ 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
☐ 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
☐ 3.05 NEATLY LESS THAN 1/8" OVERSIZE
☐ 3.06 ACCURATELY INSURING SOUND JOINT
☐ 3.07 FIRMLY SECURED
☐ 3.08 TO LOCAL CODES AND VERBAL INSTRUCTIONS
☐ 3.09 WATERTIGHT
☐ 3.10 WATERTIGHT
☐ 3.11 NEATLY AND WATERTIGHT
☐ 3.12 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

USOE CODE NO(S) ______________

UNIT 05 IRON PIPE

TERMOB NO. 14-020

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 06 CEMENT ASBESTOS PIPE

TERMOB NO. 14-021

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 SLEEVED COUPLINGS
( ) 1.05 CLAMP OR SADDLE COUPLINGS
( ) 1.06 ASBESTOS CEMENT PIPE
( ) 1.07 HYDRAULIC JACK WITH CHAIN AND BAR
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL TEMPORARY WATER MAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 JOIN PIPES
( ) 2.05 MAKE CONNECTION TO WATER SUPPLY
( ) 2.06 ADJUST SYSTEM AS NECESSARY
( ) 2.07 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TEMPORARY WATER MAIN IS INSTALLED AND CONFORMS TO VERBAL INSTRUCTIONS, LOCAL CODES, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING ECONOMICAL COST
( ) 3.04 WATERTIGHT
( ) 3.05 NEATLY
( ) 3.06 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS, MAXIMUM 5° CHANGE OF DIRECTION AT EACH JOINT
( ) 3.07 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 01 PIPE INSTALLATION

UNIT 06 CEMENT ASBESTOS PIPE

TERMOB NO. 14-021

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 01 PIPE INSTALLATION

UNIT 06 CEMENT ASBESTOS PIPE

TERMOB NO. 14-022

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 COMPOSITION PIPE
( ) 1.03 EXISTING SEPTIC TANK
( ) 1.04 DISTRIBUTION BOX
( ) 1.05 EXCAVATED TRENCHES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL DRAINAGE PIPING FROM SEPTIC TANK TO DISTRIBUTION BOX AND THEN TO LEACHING FIELD EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SET DISTIRBUTION BOX
( ) 2.03 SET PIPING
( ) 2.04 MAKE CONNECTION TO SEPTIC TANK

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DRAINAGE PIPING INSTALLED AND CONFORMS TO VERBAL INSTRUCTIONS, LOCAL CODES, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PROPERLY SUPPORTED
( ) 3.03 PROPERLY SUPPORTED
( ) 3.04 NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 01 PIPE INSTALLATION

UNIT 06 CEMENT ASBESTOS PIPE

TERMOB NO. 14-022

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-023

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL PIPE ROUGH-IN
( ) 1.07 PLASTIC PIPE ROUGH-IN
( ) 1.08 SINK AND FAUCET
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL KITCHEN SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENT
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET SINK
( ) 2.05 CUT PIPE
( ) 2.06 INSTALL PIPE
( ) 2.07 INSTALL VALVES AND FITTINGS
( ) 2.08 MAKE CONNECTION TO WASTE PIPE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SINK INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 ACCURATELY + 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL PIPE ROUGH-IN
( ) 1.07 PLASTIC PIPE ROUGH-IN
( ) 1.08 SINK AND FAUCET
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL KITCHEN SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENT
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET SINK
( ) 2.05 CUT PIPE
( ) 2.06 INSTALL PIPE
( ) 2.07 INSTALL VALVES AND FITTINGS
( ) 2.08 MAKE CONNECTION TO WASTE PIPE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SINK INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-023

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-024

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 COPPER TUBING
( ) 1.04 BLUEPRINT (SHOP DRAWING)
( ) 1.05 SINK
( ) 1.06 APPROPRIATE CONNECTORS AND ADAPTERS
( ) 1.07 2 INCH CAST IRON PIPE
( ) 1.08 TAPPED 2 INCH CAST IRON FITTING IN PARTITION AT PROPER HEIGHT
( ) 1.09 VALVES AND FITTINGS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL LABORATORY SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL SINK
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 TAP INTO 2 INCH CAST IRON FITTING OF SANITARY DRAINAGE SYSTEM
( ) 2.08 CUT TUBING
( ) 2.09 INSTALL VALVES
( ) 2.10 MAKE CONNECTION TO WASTE PIPE
( ) 2.11 MAKE CONNECTION TO WATER SUPPLY
( ) 2.12 INSPECT OPERATION OF SYSTEM
( ) 2.13 ADJUST SYSTEM AS NECESSARY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 LABORATORY SINK INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 ACCURATELY + 1/32"

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 COPPER TUBING
( ) 1.04 BLUEPRINT (SHOP DRAWING)
( ) 1.05 SINK
( ) 1.06 APPROPRIATE CONNECTORS AND ADAPTERS
( ) 1.07 2 INCH CAST IRON PIPE
( ) 1.08 TAPPED 2 INCH CAST IRON FITTING IN PARTITION AT PROPER HEIGHT
( ) 1.09 VALVES AND FITTINGS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL LABORATORY SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL SINK
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 TAP INTO 2 INCH CAST IRON FITTING OF SANITARY DRAINAGE SYSTEM
( ) 2.08 CUT TUBING
( ) 2.09 INSTALL VALVES
( ) 2.10 MAKE CONNECTION TO WASTE PIPE
( ) 2.11 MAKE CONNECTION TO WATER SUPPLY
( ) 2.12 INSPECT OPERATION OF SYSTEM
( ) 2.13 ADJUST SYSTEM AS NECESSARY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 LABORATORY SINK INSTALLED ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 ACCURATELY ± 1/32"
( ) 3.09 PROPERLY ALIGNED
( ) 3.10 WATERTIGHT
( ) 3.11 NEATLY AND WATERTIGHT
( ) 3.12 OPERATING PROPERLY WITH NO LEAKS
( ) 3.13 SYSTEM CONFORMS TO MANUFACTURER'S STANDARDS

MISOE NO. ______

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	02	FIXTURE INSTALLATION
USOE CODE NO(S)		UNIT	01	TUBS AND SINKS
		TERMOB NO.		14-024

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-025

1.00 CONDITION

( ) 1.01 SUPPLY AND WASTE LINES ROUGHED IN
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 VANITY UNIT
( ) 1.04 WASH BASIN WITH FAUCETS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A 4 FOOT VANITY WITH TWO 18" ROUND WASH BASINS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 MAKE CUTS FOR WASH BASINS
( ) 2.04 SET WASH BASINS INTO VANITY
( ) 2.05 SECURE VANITY IN POSITION
( ) 2.06 MAKE CONNECTIONS TO WASTE AND WATER SUPPLY
( ) 2.07 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 VANITY INSTALLED CONFORMING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY
( ) 3.03 ACCURATELY, ALLOWING FOR RIMS
( ) 3.04 PROPERLY ALIGNED AND SEALED
( ) 3.05 SECURELY. PLUMB AND LEVEL
( ) 3.06 WATERTIGHT
( ) 3.07 NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-025

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-026

1.00 CONDITION

( ) 1.01 BLUEPRINT (SHOP DRAWING)
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.04 WASH BASIN
( ) 1.05 EXISTING CERAMIC TILE WALL
( ) 1.06 TRAPS AND SUPPLIES TO WALL
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 APPROPRIATE CHROME FITTINGS, CONNECTORS, ADAPTERS AS NEEDED

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE WASH BASIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CLEAN DRAIN
( ) 2.05 SET WASH BASIN ON CERAMIC TILE
( ) 2.06 CUT TUBING
( ) 2.07 INSTALL TUBING
( ) 2.08 INSTALL VALVES AND FITTINGS
( ) 2.09 MAKE CONNECTION TO WASTE PIPE
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WASH BASIN REPLACED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 FREE FLOWING
( ) 3.05 LEVEL AND SECURE
( ) 3.06 ACCURATELY ± 1/32"
( ) 3.07 ACCURATELY INSURING SOUND JOINT
( ) 3.08 PROPERLY ALIGNED

( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.04 WASH BASIN
( ) 1.05 EXISTING CERAMIC TILE WALL
( ) 1.06 TRAPS AND SUPPLIES TO WALL
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 APPROPRIATE CHROME FITTINGS, CONNECTORS, ADAPTERS AS NEEDED

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE WASH BASIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CLEAN DRAIN
( ) 2.05 SET WASH BASIN ON CERAMIC TILE
( ) 2.06 CUT TUBING
( ) 2.07 INSTALL TUBING
( ) 2.08 INSTALL VALVES AND FITTINGS
( ) 2.09 MAKE CONNECTION TO WASTE PIPE
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WASH BASIN REPLACED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 FREE FLOWING
( ) 3.05 LEVEL AND SECURE
( ) 3.06 ACCURATELY + 1/32"
( ) 3.07 ACCURATELY INSURING SOUND JOINT
( ) 3.08 PROPERLY ALIGNED
( ) 3.09 WATERTIGHT
( ) 3.10 NEATLY AND WATERTIGHT
( ) 3.11 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.12 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-026

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-027

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL PIPE ROUGH-IN
( ) 1.07 PLASTIC PIPE ROUGH-IN
( ) 1.08 BATHTUB, FAUCET AND TRIPWASTE
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL BATHTUB UNIT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET TUB
( ) 2.05 CUT PIPE
( ) 2.06 INSTALL PIPE
( ) 2.07 INSTALL VALVES AND DRAINS
( ) 2.08 MAKE CONNECTION TO WASTE PIPE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TUB INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURE WITH PROPER PITCH FOR DRAINAGE
( ) 3.05 ACCURATELY + 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL PIPE ROUGH-IN
( ) 1.07 PLASTIC PIPE ROUGH-IN
( ) 1.08 BATHTUB, FAUCET AND TRIPWASTE
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL BATHTUB UNIT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET TUB
( ) 2.05 CUT PIPE
( ) 2.06 INSTALL PIPE
( ) 2.07 INSTALL VALVES AND DRAINS
( ) 2.08 MAKE CONNECTION TO WASTE PIPE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TUB INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURE WITH PROPER PITCH FOR DRAINAGE
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 02 FIXTURE INSTALLATION

UNIT 01 TUBS AND SINKS

TERMOB NO. 14-027

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-028

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED IRON PIPE ROUGH-IN
( ) 1.07 SOIL PIPE ROUGH-IN
( ) 1.08 PLASTIC PIPE ROUGH-IN
( ) 1.09 URINAL
( ) 1.10 FLUSHOMETER
( ) 1.11 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.12 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.13 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL URINAL AND FLUSHOMETER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPES
( ) 2.05 INSTALL PIPE
( ) 2.06 HANG URINAL
( ) 2.07 MAKE CONNECTION TO SOIL BRANCH
( ) 2.08 INSTALL FLUSHOMETER
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 URINAL AND FLUSHOMETER INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY + 1/32"

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED IRON PIPE ROUGH-IN
( ) 1.07 SOIL PIPE ROUGH-IN
( ) 1.08 PLASTIC PIPE ROUGH-IN
( ) 1.09 URINAL
( ) 1.10 FLUSHOMETER
( ) 1.11 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.12 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.13 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL URINAL AND FLUSHOMETER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPES
( ) 2.05 INSTALL PIPE
( ) 2.06 HANG URINAL
( ) 2.07 MAKE CONNECTION TO SOIL BRANCH
( ) 2.08 INSTALL FLUSHOMETER
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 URINAL AND FLUSHOMETER INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 SECURELY
( ) 3.07 WATERTIGHT
( ) 3.08 PROPERLY ALIGNED
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	02	FIXTURE INSTALLATION
USOE CODE NO(S)		UNIT	02	TOILETS AND URINALS
		TERMOB NO.		14-028

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-029

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 EXISTING URINAL
( ) 1.03 SPECIAL GRAB BARS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL SPECIAL GRAB BAR SUPPORTS FOR HANDICAPPED PEOPLE ON EXISTING URINAL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 ATTACH GRAB BAR FLANGES TO WALL AND FLOOR
( ) 2.05 TEST CONSTRUCTION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SPECIAL GRAB BARS INSTALLED WITH REGARD TO WHEELCHAIR DIMENSIONS AND ACCORDING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, ALLOWING MINIMUM WHEELCHAIR CLEARANCE OF 2" ON EACH SIDE
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURELY ANCHORED WITH BAR APPROXIMATELY 36" HIGH
( ) 3.05 CAPABLE OF SUPPORTING A PERSON WITH NO DANGER OF COLLAPSE

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-029

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-030

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 EXISTING VALVE TYPE TOILET
( ) 1.04 TOILET SEAT LIFT
( ) 1.05 SPECIAL ARM SUPPORTS
( ) 1.06 TOILET SEAT WITH LIFT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL SPECIAL ARM SUPPORTS FOR HANDICAPPED PERSONS ON EXISTING VALVE TYPE TOILET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SELECT MATERIALS FOR JOB
( ) 2.03 INSTALL TOILET SEAT AND LIFT
( ) 2.04 INSTALL RIGHT AND LEFT ARM SUPPORTS
( ) 2.05 TEST CONSTRUCTION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ARM SUPPORTS INSTALLED CONFORMING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.03 SECURELY ANCHORED AND WORKING PROPERLY
( ) 3.04 AT PROPER HEIGHT AND SECURELY FASTENED
( ) 3.05 CAPABLE OF SUPPORTING A PERSON WITHOUT DANGER OF BREAKING

MISOE NO. ____

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	02	FIXTURE INSTALLATION
USOE CODE NO(S)		UNIT	02	TOILETS AND URINALS
		TERMOB NO.		14-030

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-031

1.00 CONDITION

( ) 1.01 BLUEPRINT OF A FIRST FLOOR TOILET
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL OR WROUGHT IRON PIPE ROUGH-IN
( ) 1.07 SOIL PIPE ROUGH-IN
( ) 1.08 PLASTIC PIPE ROUGH-IN
( ) 1.09 TOILET AND TANK
( ) 1.10 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.11 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.12 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL FLOOR MOUNTED WATER CLOSET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET PROPER FLANGE
( ) 2.05 SET BOWL
( ) 2.06 SET TANK
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 SET TOILET SEAT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FLOOR MOUNTED WATER CLOSET INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURELY
( ) 3.05 SECURELY AND GROUTED WITH WHITE CEMENT
( ) 3.06 SECURE AND PLUMB
( ) 3.07 NEATLY AND WATERTIGHT

( ) 1.01 BLUEPRINT OF A FIRST FLOOR TOILET
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 BRASS PIPE ROUGH-IN
( ) 1.05 COPPER TUBING ROUGH-IN
( ) 1.06 GALVANIZED STEEL OR WROUGHT IRON PIPE ROUGH-IN
( ) 1.07 SOIL PIPE ROUGH-IN
( ) 1.08 PLASTIC PIPE ROUGH-IN
( ) 1.09 TOILET AND TANK
( ) 1.10 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.11 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.12 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL FLOOR MOUNTED WATER CLOSET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 SET PROPER FLANGE
( ) 2.05 SET BOWL
( ) 2.06 SET TANK
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 SET TOILET SEAT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FLOOR MOUNTED WATER CLOSET INSTALLED AND CONFORMS TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURELY
( ) 3.05 SECURELY AND GROUTED WITH WHITE CEMENT
( ) 3.06 SECURE AND PLUMB
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 TIGHT AND PROPERLY ALIGNED

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MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-031

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-032

1.00 CONDITION

( ) 1.01 DEFECTIVE DIAPHRAGM FLUSHOMETER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 MANUFACTURER'S SPECIFICATIONS
( ) 1.04 REQUIRED REPLACEMENT PARTS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR FLUSHOMETER WITH FAULTY INTERNAL PARTS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SELECT PARTS
( ) 2.03 REMOVE DEFECTIVE PARTS
( ) 2.04 INSTALL NEW PARTS
( ) 2.05 REASSEMBLE FLUSHOMETER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FLUSHOMETER IS REPAIRED AND OPERATING PROPERLY TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PROPER REPLACEMENT PARTS SELECTED
( ) 3.03 WITHOUT DAMAGING UNDAMAGED PARTS
( ) 3.04 IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
( ) 3.05 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 02 FIXTURE INSTALLATION

UNIT 02 TOILETS AND URINALS

TERMOB NO. 14-032

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-033

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.02 BLUEPRINT OF ONE STORY HOUSE
( ) 1.03 REQUIRED PIPE
( ) 1.04 PIPE HANGING HARDWARE
( ) 1.05 OIL FIRED HEATING UNIT
( ) 1.06 MANUFACTURER'S SPECIFICATIONS
( ) 1.07 CIRCULATING PUMPS
( ) 1.08 CONTROL VALVES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL HEATING MAINS AND BRANCHES TO RADIATORS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 LAYOUT AND MEASURE PIPE RUNS
( ) 2.03 INSTALL VALVES AND SPECIAL FITTINGS AROUND BOILER
( ) 2.04 CUT, THREAD AND MAKEUP PIPE
( ) 2.05 CONNECT BRANCHES TO RADIATORS
( ) 2.06 MAKE WATER CONNECTION TO BOILER
( ) 2.07 FILL SYSTEM AND CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PLUMBING IS INSTALLED AND OPERATING PROPERLY TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 20 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO ± 1/8"
( ) 3.03 TO MAINTAIN SPECIFICATIONS
( ) 3.04 CORRECT SIZE PIPE SECURELY HUNG
( ) 3.05 PROPERLY SECURED
( ) 3.06 SECURELY
( ) 3.07 WATERTIGHT

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-033

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-034

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETER
( ) 1.03 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.04 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.05 GAS LINE RUN TO LOCATION OF HEATER
( ) 1.06 COLD AND HOT SUPPLY LINES RUN TO LOCATION OF HEATER
( ) 1.07 TEMPERATURE AND PRESSURE RELIEF VALVE
( ) 1.08 VACUUM VALVE
( ) 1.09 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.10 GAS WATER HEATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD A GAS WATER HEATER FOR LAUNDRY FACILITIES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SET HEATER IN POSITION
( ) 2.03 MEASURE PIPE RUNS
( ) 2.04 SELECT MATERIALS FOR JOB
( ) 2.05 CUT AND REAM PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 RUN PIPE
( ) 2.08 INSTALL VALVES AND SAFETY CONTROLS
( ) 2.09 SEAL JOINTS
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WATER HEATER INSTALLED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 SECURELY AND PLUMB
( ) 3.03 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.04 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETER
( ) 1.03 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.04 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.05 GAS LINE RUN TO LOCATION OF HEATER
( ) 1.06 COLD AND HOT SUPPLY LINES RUN TO LOCATION OF HEATER
( ) 1.07 TEMPERATURE AND PRESSURE RELIEF VALVE
( ) 1.08 VACUUM VALVE
( ) 1.09 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.10 GAS WATER HEATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ADD A GAS WATER HEATER FOR LAUNDRY FACILITIES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SET HEATER IN POSITION
( ) 2.03 MEASURE PIPE RUNS
( ) 2.04 SELECT MATERIALS FOR JOB
( ) 2.05 CUT AND REAM PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 RUN PIPE
( ) 2.08 INSTALL VALVES AND SAFETY CONTROLS
( ) 2.09 SEAL JOINTS
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WATER HEATER INSTALLED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 5 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 SECURELY AND PLUMB
( ) 3.03 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.04 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.05 ACCURATELY + 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 PROPERLY ALIGNED
( ) 3.09 WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-034

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-035

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 INSTALLED HEATING UNIT
( ) 1.03 CIRCULATION PUMP
( ) 1.04 FLOW CONTROL VALVE
( ) 1.05 AQUASTAT
( ) 1.06 RELIEF VALVE(S)
( ) 1.07 EXPANSION TANK
( ) 1.08 APPROPRIATE LENGTHS OF COPPER AND IRON PIPE OF ASSORTED DIAMETERS
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 BASIC PLUMBERS' TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL NECESSARY CONTROLS AND EQUIPMENT TO CONVERT AN EXISTING WATER HEATING BOILER FROM GRAVITY TO A FORCED CIRCULATING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRAIN SYSTEM
( ) 2.05 THREAD PIPE
( ) 2.06 LAY PIPE
( ) 2.07 INSTALL PUMPS, VALVES, TANKS, ETC.
( ) 2.08 SEAL JOINTS
( ) 2.09 REFILL SYSTEM
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CONTROL PLUMBING INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 COMPLETELY

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 INSTALLED HEATING UNIT
( ) 1.03 CIRCULATION PUMP
( ) 1.04 FLOW CONTROL VALVE
( ) 1.05 AQUASTAT
( ) 1.06 RELIEF VALVE(S)
( ) 1.07 EXPANSION TANK
( ) 1.08 APPROPRIATE LENGTHS OF COPPER AND IRON PIPE OF ASSORTED DIAMETERS
( ) 1.09 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.10 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.11 BASIC PLUMBERS' TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL NECESSARY CONTROLS AND EQUIPMENT TO CONVERT AN EXISTING WATER HEATING BOILER FROM GRAVITY TO A FORCED CIRCULATING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 DRAIN SYSTEM
( ) 2.05 THREAD PIPE
( ) 2.06 LAY PIPE
( ) 2.07 INSTALL PUMPS, VALVES, TANKS, ETC.
( ) 2.08 SEAL JOINTS
( ) 2.09 REFILL SYSTEM
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CONTROL PLUMBING INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 COMPLETELY
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED AND SUPPORTED
( ) 3.07 PROPERLY ALIGNED AND SUPPORTED
( ) 3.08 WATERTIGHT
( ) 3.09 BLEED ALL RADIATORS
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY, NO LEAKS

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ________________

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-035

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-036

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 INSTALLED HEATING UNIT
( ) 1.03 TANKLESS WATER HEATER
( ) 1.04 TEMPERING VALVE, PRESSURE RELIEF VALVE, ETC.
( ) 1.05 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.06 REQUIRED HARDWARE
( ) 1.07 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.08 OPERATING CONTROLS
( ) 1.09 DOMESTIC HOT WATER SUPPLY LINE RUN TO VICINITY OF HEATING UNIT
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL TANKLESS HEATER ON EXISTING BOILER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT TUBING
( ) 2.05 THREAD PIPE AS NECESSARY
( ) 2.06 SET TANKLESS WATER HEATER IN POSITION
( ) 2.07 CONNECT COLD WATER SUPPLY TO MIXING VALVE AND TANKLESS HEATER
( ) 2.08 CONNECT HOT WATER OUTLET TO MIXING VALVE
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 TANKLESS HEATER INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH LOCAL CODES AND BLUEPRINT
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/8"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED AND SUPPORTED
( ) 3.07 WATERTIGHT

( ) 1.01 BLUEPRINT
( ) 1.02 INSTALLED HEATING UNIT
( ) 1.03 TANKLESS WATER HEATER
( ) 1.04 TEMPERING VALVE, PRESSURE RELIEF VALVE, ETC.
( ) 1.05 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.06 REQUIRED HARDWARE
( ) 1.07 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.08 OPERATING CONTROLS
( ) 1.09 DOMESTIC HOT WATER SUPPLY LINE RUN TO VICINITY OF HEATING UNIT
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL TANKLESS HEATER ON EXISTING BOILER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT TUBING
( ) 2.05 THREAD PIPE AS NECESSARY
( ) 2.06 SET TANKLESS WATER HEATER IN POSITION
( ) 2.07 CONNECT COLD WATER SUPPLY TO MIXING VALVE AND TANKLESS HEATER
( ) 2.08 CONNECT HOT WATER OUTLET TO MIXING VALVE
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TANKLESS HEATER INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH LOCAL CODES AND BLUEPRINT
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/8"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED AND SUPPORTED
( ) 3.07 WATERTIGHT
( ) 3.08 WATERTIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY NO LEAKS

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 02 FIXTURE INSTALLATION

UNIT 03 HEATING UNITS

TERMOB NO. 14-036

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 04 BOILERS

TERMOB NO. 14-037

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 TWO INDUSTRIAL BOILERS IN POSITION
( ) 1.05 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.06 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.07 TEMPERING AND RELIEF VALVES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL DOMESTIC HOT WATER LINES IN PARALLEL FROM TWO BOILERS WITH BUILT IN TANKLESS WATER HEATERS TO TEMPERING VALVE ON BOILER ROOM WALL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 LAY PIPE
( ) 2.06 SEAL JOINTS
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SUPPLY LINES INSTALLED AND CONFORM TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/8"
( ) 3.05 PROPERLY ALIGNED
( ) 3.06 WATERTIGHT
( ) 3.07 NEATLY
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING
USOE CODE NO(S)

DIVISION 02 FIXTURE INSTALLATION
UNIT 04 BOILERS
TERMOB NO. 14-037

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 04 BOILERS

TERMOB NO. 14-038

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 OVERHEAD STEAM MAIN, RETURN LINE THROUGH FLOOR
( ) 1.05 STEAM LINES INSTALLED EXTERNAL TO BOILER ROOM
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 CONTROLS VALVES, ETC. (AS NEEDED)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A FIVE PIPE STEAM COIL BELOW A WINDOW EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL HANGERS
( ) 2.05 CUT FITTINGS INTO MAIN AND RETURN
( ) 2.06 CUT, REAM, THREAD AND INSTALL PIPE
( ) 2.07 INSTALL VALVE AND TRAP
( ) 2.08 MAKE UP COIL
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STEAM LINES AND COIL INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 16 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURELY AND PROPERLY ALIGNED
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 STEAM TIGHT
( ) 3.08 NEATLY AND STEAM TIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS USING APPROPRIATE

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 OVERHEAD STEAM MAIN, RETURN LINE THROUGH FLOOR
( ) 1.05 STEAM LINES INSTALLED EXTERNAL TO BOILER ROOM
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 CONTROLS VALVES, ETC. (AS NEEDED)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A FIVE PIPE STEAM COIL BELOW A WINDOW EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL HANGERS
( ) 2.05 CUT FITTINGS INTO MAIN AND RETURN
( ) 2.06 CUT, REAM, THREAD AND INSTALL PIPE
( ) 2.07 INSTALL VALVE AND TRAP
( ) 2.08 MAKE UP COIL
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 STEAM LINES AND COIL INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 16 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SECURELY AND PROPERLY ALIGNED
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 STEAM TIGHT
( ) 3.08 NEATLY AND STEAM TIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS USING APPROPRIATE TEST METHODS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 04 BOILERS

TERMOB NO. 14-038

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 05 RADIATORS

TERMOB NO. 14-039

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 EXISTING COPPER TUBING SYSTEM
( ) 1.05 BLACK IRON PIPE EXISTING SYSTEM
( ) 1.06 BASEBOARD RADIATION UNITS
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.09 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.10 MANUFACTURER'S SPECIFICATIONS
( ) 1.11 TWO FIRST FLOOR ROOMS SEPARATED BY A PARTITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL CAST IRON BASEBOARD RADIATION IN A HOUSE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING HEATING MAINS
( ) 2.05 DRAIN SYSTEM
( ) 2.06 CUT FITTINGS INTO HEATING MAINS AND VALVE OFF BRANCHES
( ) 2.07 LAY RADIATION UNITS
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 BASEBOARD RADIATION INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 NEATLY LESS THAN 1/8" OVERSIZE

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 EXISTING COPPER TUBING SYSTEM
( ) 1.05 BLACK IRON PIPE EXISTING SYSTEM
( ) 1.06 BASEBOARD RADIATION UNITS
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.09 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.10 MANUFACTURER'S SPECIFICATIONS
( ) 1.11 TWO FIRST FLOOR ROOMS SEPARATED BY A PARTITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL CAST IRON BASEBOARD RADIATION IN A HOUSE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING HEATING MAINS
( ) 2.05 DRAIN SYSTEM
( ) 2.06 CUT FITTINGS INTO HEATING MAINS AND VALVE OFF BRANCHES
( ) 2.07 LAY RADIATION UNITS
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 BASEBOARD RADIATION INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 NEATLY LESS THAN 1/8" OVERSIZE
( ) 3.06 ACCURATELY ± 1/32"
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY AND WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. __________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 02	FIXTURE INSTALLATION
USOE CODE NO(S)		UNIT 05	RADIATORS
		TERMOB NO.	14-039

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 05 RADIATORS

TERMOB NO. 14-040

1.00 CONDITION

( ) 1.01 BLUEPRINT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED IRON PIPE ROUGH-IN
( ) 1.05 STEAM RADIATOR MANUFACTURER'S SPECIFICATIONS
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A STEAM RADIATOR EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE
( ) 2.06 SEAL JOINTS
( ) 2.07 MAKE CONNECTION TO STEAM SUPPLY
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 RADIATOR INSTALLED CONFORMING TO BLUEPRINT AND ACCEPTED TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/8"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 NEATLY AND WATERTIGHT
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 05 RADIATORS

TERMOB NO. 14-040

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 06 DISPOSAL UNITS

TERMOB NO. 14-041

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF A GARBAGE DISPOSAL
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 EXISTING KITCHEN SINK
( ) 1.05 GARBAGE DISPOSAL UNIT
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 MANUFACTURER'S SPECIFICATIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ADD A GARBAGE DISPOSAL TO EXISTING SINK WASTE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD OR SOLDER PIPE
( ) 2.06 INSTALL DISPOSAL
( ) 2.07 SEAL JOINTS
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 GARBAGE DISPOSAL INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY + 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ________________

DIVISION 02 FIXTURE INSTALLATION

UNIT 06 DISPOSAL UNITS

TERMOB NO. 14-041

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 07 TANKS

TERMOB NO. 14-042

1.00 CONDITION

( ) 1.01 BLUEPRINT OF A VERTICAL STORAGE TANK FOR A GROUND WELL INSTALLATION
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED IRON PIPE ROUGH-IN FROM WELL
( ) 1.05 200 GALLON STORAGE TANK
( ) 1.06 RELIEF AND CONTROL VALVES
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL VERTICAL STORAGE TANK FOR A GROUND WELL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIAL FOR JOB
( ) 2.04 SET TANK
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 INSTALL PIPE AND VALVES
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY PIPES FROM STRUCTURE
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STORAGE TANK INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE ON SOLID FOUNDATION
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY AND WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT

( ) 1.01 BLUEPRINT OF A VERTICAL STORAGE TANK FOR A GROUND WELL INSTALLATION
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED IRON PIPE ROUGH-IN FROM WELL
( ) 1.05 200 GALLON STORAGE TANK
( ) 1.06 RELIEF AND CONTROL VALVES
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL VERTICAL STORAGE TANK FOR A GROUND WELL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIAL FOR JOB
( ) 2.04 SET TANK
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 INSTALL PIPE AND VALVES
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY PIPES FROM STRUCTURE
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STORAGE TANK INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE ON SOLID FOUNDATION
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 PROPERLY ALIGNED
( ) 3.08 NEATLY AND WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

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MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 02 FIXTURE INSTALLATION

UNIT 07 TANKS

TERMOB NO. 14-042

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 07 TANKS

TERMOB NO. 14-043

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 OLD TANK (NEARLY EMPTY)
( ) 1.03 NEW TANK
( ) 1.04 STEEL PIPE
( ) 1.05 C. I. FITTINGS
( ) 1.06 BLUEPRINT (SHOP DRAWING) OF 275 GALLON OIL TANK FOR BASEMENT INSTALLATION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE 275 GALLON OIL TANK IN BASEMENT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DRAIN OLD TANK
( ) 2.03 REMOVE OLD TANK
( ) 2.04 TAKE MEASUREMENTS
( ) 2.05 SELECT MATERIALS FOR JOB
( ) 2.06 CUT PIPE
( ) 2.07 THREAD PIPE
( ) 2.08 MAKE CONNECTIONS TO NEW TANK AND OIL BURNER
( ) 2.09 REPLACE DRAINED OIL IN TANK
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 OIL TANK REPLACED CONFORMING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 EMPTY AS POSSIBLE, DRAINED OIL REMOVED FROM VICINITY
( ) 3.03 WITH MINIMUM SPILLAGE AND MAXIMUM CAUTION
( ) 3.04 ACCURATELY INSURING SOUND CONSTRUCTION
( ) 3.05 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.06 ACCURATELY ± 1/32"
( ) 3.07 ACCURATELY INSURING SOUND JOINT
( ) 3.08 NEATLY, PROPERLY ALIGNED
( ) 3.09 CAREFULLY, NEATLY
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY, NO LEAKS

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 OLD TANK (NEARLY EMPTY)
( ) 1.03 NEW TANK
( ) 1.04 STEEL PIPE
( ) 1.05 C. I. FITTINGS
( ) 1.06 BLUEPRINT (SHOP DRAWING) OF 275 GALLON OIL TANK FOR BASEMENT INSTALLATION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE 275 GALLON OIL TANK IN BASEMENT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DRAIN OLD TANK
( ) 2.03 REMOVE OLD TANK
( ) 2.04 TAKE MEASUREMENTS
( ) 2.05 SELECT MATERIALS FOR JOB
( ) 2.06 CUT PIPE
( ) 2.07 THREAD PIPE
( ) 2.08 MAKE CONNECTIONS TO NEW TANK AND OIL BURNER
( ) 2.09 REPLACE DRAINED OIL IN TANK
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 OIL TANK REPLACED CONFORMING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 6 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 EMPTY AS POSSIBLE, DRAINED OIL REMOVED FROM VICINITY
( ) 3.03 WITH MINIMUM SPILLAGE AND MAXIMUM CAUTION
( ) 3.04 ACCURATELY INSURING SOUND CONSTRUCTION
( ) 3.05 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.06 ACCURATELY ± 1/32"
( ) 3.07 ACCURATELY INSURING SOUND JOINT
( ) 3.08 NEATLY, PROPERLY ALIGNED
( ) 3.09 CAREFULLY, NEATLY
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY, NO LEAKS

MISOE NO. __________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) __________

DIVISION 02 FIXTURE INSTALLATION

UNIT 07 TANKS

TERMOB NO. 14-043

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 07 TANKS

TERMOB NO. 14-044

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 COPPER TUBING
( ) 1.04 OVERHEAD STORAGE TANK IN HORIZONTAL POSITION
( ) 1.05 HEAT EXCHANGER
( ) 1.06 TEMPERATURE AND PRESSURE RELIEF VALVES
( ) 1.07 THERMAL CONTROLS
( ) 1.08 MANUFACTURER'S SPECIFICATIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 SIZE AND CONNECT ALL PIPING, VALVES AND SAFETY DEVICES FROM A 30 GALLON OVERHEAD, HORIZONTAL STORAGE TANK TO A HEAT EXCHANGER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT PROPER MATERIALS
( ) 2.04 CUT TUBING
( ) 2.05 INSTALL TUBING AND SAFETY DEVICES
( ) 2.06 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PIPING VALVES AND SAFETY DEVICES INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING TO LOCAL CODES AND DESIGN SPECIFICATIONS
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 PIPING IS PROPERLY ALIGNED, SUPPORTED AND WATERTIGHT
( ) 3.06 NO LEAKS

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

USOE CODE NO(S) ______

UNIT 07 TANKS

TERMOB NO. 14-044

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 08 PUMPS

TERMOB NO. 14-045

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCULATION LINE, THERMOMETER AND AQUASTAT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING (EXISTING SYSTEM)
( ) 1.05 CIRCULATING PUMP
( ) 1.06 AQUASTAT
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC)
( ) 1.09 THERMOMETER
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.11 MANUFACTURER'S SPECIFICATIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD CIRCULATION LINE, THERMOMETER AND AQUASTAT TO AN EXISTING HOT WATER LINE TO INSURE INSTANT HOT WATER AT DISTANT LOCATION EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 CUT TUBING
( ) 2.06 INSTALL PUMP
( ) 2.07 INSTALL TUBING
( ) 2.08 INSTALL AQUASTAT AND THERMOMETER
( ) 2.09 SEAL JOINTS
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCULATION LINE, THERMOMETER AND AQUASTAT INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS OF CIRCULATION LINE, THERMOMETER AND AQUASTAT
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING (EXISTING SYSTEM)
( ) 1.05 CIRCULATING PUMP
( ) 1.06 AQUASTAT
( ) 1.07 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.08 REQUIRED HARDWARE (STRAPS, HANGERS, ETC)
( ) 1.09 THERMOMETER
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.11 MANUFACTURER'S SPECIFICATIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD CIRCULATION LINE, THERMOMETER AND AQUASTAT TO AN EXISTING HOT WATER LINE TO INSURE INSTANT HOT WATER AT DISTANT LOCATION EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 EXPOSE EXISTING PLUMBING
( ) 2.05 CUT TUBING
( ) 2.06 INSTALL PUMP
( ) 2.07 INSTALL TUBING
( ) 2.08 INSTALL AQUASTAT AND THERMOMETER
( ) 2.09 SEAL JOINTS
( ) 2.10 MAKE CONNECTION TO WATER SUPPLY
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CIRCULATION LINE, THERMOMETER AND AQUASTAT INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 SUFFICIENT ACCESS WITH MINIMUM DAMAGE
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 SECURE AND WATERTIGHT
( ) 3.07 PROPERLY ALIGNED AND SECURED
( ) 3.08 SECURE AND WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 NEATLY AND WATERTIGHT
( ) 3.11 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.12 OPERATING PROPERLY WITH NO LEAKS

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MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 08 PUMPS

TERMOB NO. 14-045

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 08 PUMPS

TERMOB NO. 14-046

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS FOR REPLACING CIRCULATOR
( ) 1.03 CIRCULATOR
( ) 1.04 GATE VALVES
( ) 1.05 CIRCULATE REFILL SYSTEM

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE CIRCULATOR ON HOT WATER BOILER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DRAIN SYSTEM
( ) 2.03 TAKE MEASUREMENTS
( ) 2.04 SELECT MATERIALS FOR JOB
( ) 2.05 CUT BACK RETURN LINES
( ) 2.06 INSTALL GATE VALVES
( ) 2.07 INSTALL CIRCULATOR
( ) 2.08 REFILL SYSTEM
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CIRCULATOR REPLACED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY DRAINED OF WATER
( ) 3.03 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMING TO LOCAL CODES
( ) 3.04 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.05 ACCURATELY ALLOWING PROPER INSTALLATION OF GATE VALVES
( ) 3.06 PROPERLY ALIGNED, WATERTIGHT
( ) 3.07 PROPERLY ALIGNED, WATERTIGHT
( ) 3.08 COMPLETELY PURGED OF AIR
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY, NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

USOE CODE NO(S) ____________

UNIT 08 PUMPS

TERMOB NO. 14-046

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 08 PUMPS

TERMOB NO. 14-047

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR INSTALLATION OF PUMP IN 30 FOOT WELL
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 GALVANIZED IRON PIPE
( ) 1.06 PLASTIC PIPE ROUGH-IN
( ) 1.07 SUBMERSIBLE PUMP
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.11 EXISTING 30 FOOT WELL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL A PUMP IN A 30 FOOT WELL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE AS NECESSARY
( ) 2.06 LAY PIPE
( ) 2.07 INSTALL PUMP
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PUMP IS INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED

( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 COPPER TUBING
( ) 1.05 GALVANIZED IRON PIPE
( ) 1.06 PLASTIC PIPE ROUGH-IN
( ) 1.07 SUBMERSIBLE PUMP
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.10 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.11 EXISTING 30 FOOT WELL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL A PUMP IN A 30 FOOT WELL EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE AS NECESSARY
( ) 2.06 LAY PIPE
( ) 2.07 INSTALL PUMP
( ) 2.08 SEAL JOINTS
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PUMP IS INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED
( ) 3.07 PROPERLY SECURED
( ) 3.08 NEATLY AND WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 02 FIXTURE INSTALLATION

UNIT 08 PUMPS

TERMOB NO. 14-047

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 09 VALVES

TERMOB NO. 14-048

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS AS TO LOCATIONS, CONDITIONS AND SPECIFICATIONS FOR ADDING PRESSURE REGULATOR TO EXISTING DISHWASHER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 EXISTING COPPER TUBING SUPPLY LINES
( ) 1.05 EXISTING OPERATIONAL COMMERCIAL DISHWASHER
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.08 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.09 MANUFACTURER'S SPECIFICATIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADD PRESSURE REGULATOR TO AN EXISTING DISHWASHER RINSE LINE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT TUBING
( ) 2.05 INSTALL PRESSURE REGULATOR
( ) 2.06 SEAL JOINTS
( ) 2.07 ADJUST SYSTEM AS NECESSARY
( ) 2.08 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PRESSURE REGULATOR INSTALLED CONFORMING TO VERBAL INSTRUCTIONS, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH VERBAL INSTRUCTIONS, LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 PROPERLY ALIGNED AND SECURED
( ) 3.06 NEATLY AND WATERTIGHT
( ) 3.07 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.08 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____

DIVISION 02 FIXTURE INSTALLATION

UNIT 09 VALVES

TERMOB NO. 14-048

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 09 VALVES

TERMOB NO. 14-049

1.00 CONDITION

( ) 1.01 BLUEPRINT FOR INSTALLATION OF CONTROL PIPING BETWEEN WATER MAIN AND FIRE SPRINKLER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED IRON PIPE
( ) 1.05 CONTROL VALVES
( ) 1.06 8" WATER MAIN
( ) 1.07 EXISTING FIRE SPRINKLER SYSTEM
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL CONTROL PIPING BETWEEN WATER MAIN AND FIRE SPRINKLER MAIN BRANCH EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE
( ) 2.06 INSTALL PIPE AND CONTROL VALVES
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO SPRINKLER SYSTEM
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CONTROL PIPING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY + 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED AND SECURED
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 NEATLY AND WATERTIGHT

( ) 1.01 BLUEPRINT FOR INSTALLATION OF CONTROL PIPING BETWEEN WATER MAIN AND FIRE SPRINKLER
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.04 GALVANIZED IRON PIPE
( ) 1.05 CONTROL VALVES
( ) 1.06 8" WATER MAIN
( ) 1.07 EXISTING FIRE SPRINKLER SYSTEM
( ) 1.08 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.09 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL CONTROL PIPING BETWEEN WATER MAIN AND FIRE SPRINKLER MAIN BRANCH EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 THREAD PIPE
( ) 2.06 INSTALL PIPE AND CONTROL VALVES
( ) 2.07 SEAL JOINTS
( ) 2.08 MAKE CONNECTION TO SPRINKLER SYSTEM
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CONTROL PIPING INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 ACCURATELY INSURING SOUND JOINT
( ) 3.06 PROPERLY ALIGNED AND SECURED
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 NEATLY AND WATERTIGHT
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 02	FIXTURE INSTALLATION
USOE CODE NO(S)		UNIT 09	VALVES
		TERMOB NO.	14-049

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 02 FIXTURE INSTALLATION

UNIT 10 DRYERS

TERMOB NO. 14-050

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 3/4" PIPE
( ) 1.03 GAS DRYER
( ) 1.04 BASEMENT
( ) 1.05 VENT THROUGH WOOD SIDING (FLEXIBLE VENT HOSE)
( ) 1.06 VERBAL INSTRUCTIONS AS TO LOCATION, CONDITIONS AND SPECIFICATIONS FOR INSTALLING GAS DRYER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL GAS DRYER IN BASEMENT WITH 3/4" GAS LINE AT CEILING 20 FEET AWAY EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TURN OFF GAS
( ) 2.03 TAKE MEASUREMENTS
( ) 2.04 SELECT MATERIALS FOR JOB
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 MAKE CONNECTIONS
( ) 2.08 MAKE HOLE FOR VENT
( ) 2.09 INSTALL VENT HOSE
( ) 2.10 TURN ON GAS
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 GAS DRYER INSTALLED IN BASEMENT ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NO LEAKS
( ) 3.03 ACCURATELY, INSURING SOUND CONSTRUCTION
( ) 3.04 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 NEATLY, NO LEAKS
( ) 3.08 NEATLY AND ACCURATELY
( ) 3.09 CONNECTIONS MADE PROPERLY AND NEATLY

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 3/4" PIPE
( ) 1.03 GAS DRYER
( ) 1.04 BASEMENT
( ) 1.05 VENT THROUGH WOOD SIDING (FLEXIBLE VENT HOSE)
( ) 1.06 VERBAL INSTRUCTIONS AS TO LOCATION, CONDITIONS AND SPECIFICATIONS FOR INSTALLING GAS DRYER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL GAS DRYER IN BASEMENT WITH 3/4" GAS LINE AT CEILING 20 FEET AWAY EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TURN OFF GAS
( ) 2.03 TAKE MEASUREMENTS
( ) 2.04 SELECT MATERIALS FOR JOB
( ) 2.05 CUT PIPE
( ) 2.06 THREAD PIPE
( ) 2.07 MAKE CONNECTIONS
( ) 2.08 MAKE HOLE FOR VENT
( ) 2.09 INSTALL VENT HOSE
( ) 2.10 TURN ON GAS
( ) 2.11 ADJUST SYSTEM AS NECESSARY
( ) 2.12 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 GAS DRYER INSTALLED IN BASEMENT ACCORDING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NO LEAKS
( ) 3.03 ACCURATELY, INSURING SOUND CONSTRUCTION
( ) 3.04 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 ACCURATELY INSURING SOUND JOINT
( ) 3.07 NEATLY, NO LEAKS
( ) 3.08 NEATLY AND ACCURATELY
( ) 3.09 CONNECTIONS MADE PROPERLY AND NEATLY
( ) 3.10 ON FULL
( ) 3.11 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.12 OPERATING PROPERLY

MISOE NO. ______

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______

DIVISION 02 FIXTURE INSTALLATION

UNIT 10 DRYERS

TERMOB NO. 14-050

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-051

1.00 CONDITION

( ) 1.01 WATER SUPPLY LINES WITH 3 TO 5 LEAKS
( ) 1.02 CAPS AND PLUGS
( ) 1.03 HYDROSTATIC PUMP
( ) 1.04 PRESSURE GAUGE
( ) 1.05 WATER UNDER PRESSURE
( ) 1.06 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.07 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CHECK WATER SUPPLY SYSTEM FOR LEAKS USING HYDROSTATIC TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SEAL RISERS AND OPENINGS
( ) 2.03 APPLY WATER PRESSURE
( ) 2.04 RELEASE TRAPPED AIR
( ) 2.05 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 LEAKS IN WATER SUPPLY LINES LOCATED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WATERTIGHT
( ) 3.03 50 POUNDS CAREFULLY MONITORED
( ) 3.04 NO AIR POCKETS REMAIN IN PIPES
( ) 3.05 ALL LEAKS LOCATED

MISOE NO. ____

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-051

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-052

1.00 CONDITION

( ) 1.01 NEW PLUMBING DRAINAGE SYSTEM WITH FIXTURES AND TRAPS INSTALLED
( ) 1.02 PEPPERMINT OIL
( ) 1.03 BOILING WATER
( ) 1.04 CAPS AND PLUGS
( ) 1.05 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.06 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CHECK NEW PLUMBING DRAINAGE SYSTEM FOR LEAKS USING PEPPERMINT TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 ADD PEPPERMINT OIL TO SYSTEM
( ) 2.03 ADD BOILING WATER
( ) 2.04 SEAL OPENING
( ) 2.05 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 LEAKS IN DRAINAGE SYSTEM LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 CORRECT AMOUNT FOR SYSTEM SIZE THROUGH ROOF STACK
( ) 3.03 THROUGH MAIN STACK PROJECTING THROUGH ROOF. MINIMUM 5 GALLONS
( ) 3.04 AIRTIGHT
( ) 3.05 ALL LEAKS LOCATED

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 01	LEAKS
		TERMOB NO.	14-052

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-053

1.00 CONDITION

( ) 1.01 WATER SUPPLY LINES WITH 3 TO 5 LEAKS
( ) 1.02 AIR PUMP
( ) 1.03 MERCURY COLUMN
( ) 1.04 CAPS AND PLUGS
( ) 1.05 SOAPY WATER
( ) 1.06 LINSEED OIL
( ) 1.07 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.08 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CHECK WATER SUPPLY SYSTEM FOR LEAKS USING LOW PRESSURE AIR TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SEAL RISERS AND OPENINGS
( ) 2.03 ADD AIR TO SYSTEM
( ) 2.04 TIME PRESSURE CHANGE
( ) 2.05 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAKS IN WATER SUPPLY LINES LOCATED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 AIRTIGHT
( ) 3.03 50 POUNDS
( ) 3.04 ACCURATE RATE OBTAINED. NO SUBSTANTIAL DROP
( ) 3.05 ALL LEAKS LOCATED

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-053

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-054

1.00 CONDITION

( ) 1.01 WASTE SYSTEM WITH 1 TO 5 LEAKS
( ) 1.02 PLUGS AND CAPS
( ) 1.03 SMOKE MACHINE WITH AIR PUMP
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CHECK WASTE SYSTEM FOR LEAKS USING SMOKE TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SEAL ALL OPENINGS
( ) 2.03 CONNECT SMOKE MACHINE
( ) 2.04 GENERATE SMOKE
( ) 2.05 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 LEAKS IN WASTE SYSTEM LOCATED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PIPES SEALED AIRTIGHT WITH PLUGS OR CAPS, TRAPS FILLED WITH WATER
( ) 3.03 AT CONVENIENT POINT
( ) 3.04 OBSERVING ALL SAFETY PRECAUTIONS
( ) 3.05 ALL LEAKS LOCATED

MISOE NO. __________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 01	LEAKS
		TERMOB NO.	14-054

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-055

1.00 CONDITION

( ) 1.01 WATER SUPPLY LINES WITH 3 TO 5 LEAKS
( ) 1.02 AIR PUMP
( ) 1.03 GAUGE
( ) 1.04 CAPS AND PLUGS
( ) 1.05 SOAPY WATER
( ) 1.06 LINSEED OIL
( ) 1.07 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.08 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CHECK WATER SUPPLY SYSTEM FOR LEAKS USING HIGH PRESSURE AIR TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SEAL RISERS AND OPENINGS
( ) 2.03 INSTALL GAUGE
( ) 2.04 ADD AIR TO SYSTEM
( ) 2.05 TIME PRESSURE CHANGE
( ) 2.06 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAKS IN WATER SUPPLY LINES LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 AIRTIGHT
( ) 3.03 AIRTIGHT
( ) 3.04 THREE TIMES WORKING PRESSURE. 125 PSI MINIMUM
( ) 3.05 ACCURATE RATE OBTAINED
( ) 3.06 ALL LEAKS LOCATED

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ________________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-055

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-056

1.00 CONDITION

( ) 1.01 NEW WASTE SYSTEM ROUGH IN WITH AT LEAST 10 FEET OF VERTICAL PIPE ABOVE HIGHEST JOINT TO BE TESTED
( ) 1.02 CAPS AND PLUGS
( ) 1.03 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.04 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CHECK WASTE SYSTEM ROUGH IN FOR LEAKS USING WATER TEST EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SEAL ALL OPENINGS
( ) 2.03 FILL SYSTEM WITH WATER
( ) 2.04 ALLOW TIME FOR OAKUM TO SWELL AND SEAL JOINTS
( ) 2.05 REFILL SYSTEM
( ) 2.06 MEASURE WATER DROP
( ) 2.07 LOCATE LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAKS IN WASTE SYSTEM, IF ANY, LOCATED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 14 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WATERTIGHT
( ) 3.03 TO 10 FEET ABOVE HIGHEST JOINT TO BE TESTED
( ) 3.04 12 TO 24 HOURS
( ) 3.05 TO 10 FEET ABOVE HIGHEST JOINT TO BE TESTED
( ) 3.06 TO NEAREST 1/4 INCH LESS THAN 4 INCHES IN 30 MINUTES INDICATES NO LEAKS
( ) 3.07 ALL LEAKS LOCATED

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-056

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATFMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-057

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 WATER SUPPLY SYSTEM WITH 1-10 LEAKS OF VARIOUS TYPES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
( ) 1.03 CRACKED PIPE
( ) 1.04 CRACKED FIXTURE
( ) 1.05 IMPROPERLY SEALED JOINT
( ) 1.06 PUNCHED HOLE
( ) 1.07 BURST PIPE
( ) 1.08 IRON CEMENT
( ) 1.09 SHEET METAL
( ) 1.10 CLAMPS
( ) 1.11 RUBBER PAD
( ) 1.12 WOODEN PLUG
( ) 1.13 SHEET METAL SCREWS
( ) 1.14 PIPE CLAMP
( ) 1.15 RUBBER TAPE
( ) 1.16 PLASTIC TUBING
( ) 1.17 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 MAKE TEMPORARY REPAIRS IN PIPES USING APPROPRIATE METHOD FOR TYPE OF LEAK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER
( ) 2.03 RELIEVE PRESSURE IN SYSTEM
( ) 2.04 REPAIR LEAK WITH IRON CEMENT
( ) 2.05 REPAIR LEAK WITH RUBBER PAD
( ) 2.06 REPAIR LEAK WITH WOODEN PLUG
( ) 2.07 REPAIR LEAK WITH SHEET METAL SCREWS
( ) 2.08 REPAIR LEAK WITH RUBBER TAPE
( ) 2.09 REPAIR LEAK WITH PIPE CLAMP
( ) 2.10 REPAIR LEAK WITH PLASTIC TUBING
( ) 2.11 TEST FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TEMPORARY REPAIRS MADE AND LEAKS STOPPED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 1.02 WATER SUPPLY SYSTEM WITH 1-10 LEAKS OF VARIOUS TYPES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
( ) 1.03 CRACKED PIPE
( ) 1.04 CRACKED FIXTURE
( ) 1.05 IMPROPERLY SEALED JOINT
( ) 1.06 PUNCHED HOLE
( ) 1.07 BURST PIPE
( ) 1.08 IRON CEMENT
( ) 1.09 SHEET METAL
( ) 1.10 CLAMPS
( ) 1.11 RUBBER PAD
( ) 1.12 WOODEN PLUG
( ) 1.13 SHEET METAL SCREWS
( ) 1.14 PIPE CLAMP
( ) 1.15 RUBBER TAPE
( ) 1.16 PLASTIC TUBING
( ) 1.17 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 MAKE TEMPORARY REPAIRS IN PIPES USING APPROPRIATE METHOD FOR TYPE OF LEAK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER
( ) 2.03 RELIEVE PRESSURE IN SYSTEM
( ) 2.04 REPAIR LEAK WITH IRON CEMENT
( ) 2.05 REPAIR LEAK WITH RUBBER PAD
( ) 2.06 REPAIR LEAK WITH WOODEN PLUG
( ) 2.07 REPAIR LEAK WITH SHEET METAL SCREWS
( ) 2.08 REPAIR LEAK WITH RUBBER TAPE
( ) 2.09 REPAIR LEAK WITH PIPE CLAMP
( ) 2.10 REPAIR LEAK WITH PLASTIC TUBING
( ) 2.11 TEST FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TEMPORARY REPAIRS MADE AND LEAKS STOPPED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NO PRESSURE SUPPLIED TO SYSTEM
( ) 3.03 LATENT PRESSURE RELIEVED
( ) 3.04 HOLE CLEANED AND SEALED WATERTIGHT
( ) 3.05 PAD CLAMPED WATERTIGHT
( ) 3.06 PLUG DRIVEN IN TIGHTLY
( ) 3.07 SCREW SEALS HOLE WATERTIGHT
( ) 3.08 TAPE SEALS HOLE WATERTIGHT
( ) 3.09 CLAMP SEALS HOLE WATERTIGHT
( ) 3.10 DAMAGED SECTION REPLACED AND SEALED WATERTIGHT
( ) 3.11 NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING
USOE CODE NO(S) ______________
DIVISION 03 REPAIR AND MAINTENANCE
UNIT 01 LEAKS
TERMOB NO. 14-057

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
		UNIT	01	LEAKS
		TERMOB NO.		14-058

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.02 LEAKING CAST IRON SOIL PIPE
( ) 1.03 CAULKING COMPOUND
( ) 1.04 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR LEAK IN CAST IRON SOIL PIPE JOINT EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 REMOVE LEAD AND OAKUM FROM JOINT
( ) 2.03 DRAIN WATER
( ) 2.04 APPLY HEAT TO JOINT
( ) 2.05 RECAULK JOINT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAK IN CAST IRON SOIL PIPE IS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 JOINT IS CLEAN
( ) 3.03 BELOW LEVEL OF LEAKING JOINT
( ) 3.04 MOISTURE REMOVED
( ) 3.05 WATERTIGHT

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 01	LEAKS
		TERMOB NO.	14-058

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-059

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 LEAK IN CAST IRON FITTING CAUSED BY SANDHOLE OR CRACK
( ) 1.03 CAULKING COMPOUND
( ) 1.04 LEADING EQUIPMENT (TABLE T-3A)
( ) 1.05 KAFFER FITTING
( ) 1.06 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE FAULTY CAST IRON FITTING EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 MEASURE LENGTH OF REPLACEMENT AND KAFFER FITTINGS
( ) 2.03 CUT OUT FAULTY FITTING AND PIPE
( ) 2.04 INSTALL REPLACEMENT AND KAFFER FITTINGS
( ) 2.05 PACK, POUR AND CAULK JOINTS
( ) 2.06 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FAULTY FITTING REPLACED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY
( ) 3.03 WITHOUT DAMAGING OTHER SECTIONS OF DRAIN
( ) 3.04 TIGHTLY, PROPERLY ALIGNED
( ) 3.05 NEATLY
( ) 3.06 NO LEAKS

MISOE NO. ___

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 01	LEAKS
		TERMOB NO.	14-059

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-060

1.00 CONDITION

( ) 1.01 3/4" HOT WATER PIPE OR JOINT THAT LEAKS
( ) 1.02 IRON PIPE
( ) 1.03 BRASS PIPE
( ) 1.04 COPPER TUBING
( ) 1.05 PLASTIC PIPE
( ) 1.06 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.07 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.08 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR LEAK IN 3/4" HOT WATER SUPPLY LINE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TURN OFF WATER
( ) 2.03 DRAIN PIPE
( ) 2.04 REMOVE DEFECTIVE PIPE, JOINT
( ) 2.05 INSTALL NEW PIPE, JOINT
( ) 2.06 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAK REPAIRED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PRESSURE RELIEVED
( ) 3.03 COMPLETELY
( ) 3.04 WITHOUT DAMAGE TO OTHER PIPES, JOINTS
( ) 3.05 WATERTIGHT
( ) 3.06 NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-060

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-061

1.00 CONDITION

( ) 1.01 20' IRON WASTE PIPE WITH LEAK WHICH CANNOT BE REMOVED, REPLACED OR RETHREADED
( ) 1.02 WELDING EQUIPMENT (TABLE T-3C)
( ) 1.03 APPROPRIATE LENGTHS OF PIPE
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE A SEGMENT OF IRON WASTE PIPE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CUT OUT SEGMENT THAT LEAKS
( ) 2.03 WELD NEW SEGMENT
( ) 2.04 TEST SYSTEM FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAK REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NEATLY, OBSERVING ALL SAFETY PRECAUTIONS
( ) 3.03 WATERTIGHT
( ) 3.04 USING ACCEPTED TEST METHOD

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-061

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
		UNIT	01	LEAKS
		TERMOB NO.		14-062

1.00 CONDITION

( ) 1.01 CRACKED WATER STORAGE TANK
( ) 1.02 WELDING EQUIPMENT (TABLE T-3C)
( ) 1.03 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.04 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPAIR LEAK IN WATER STORAGE TANK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DRAIN TANK
( ) 2.03 VENT TANK
( ) 2.04 WELD CRACK
( ) 2.05 TEST TANK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TANK REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY
( ) 3.03 NO COMBUSTIBLE GASES
( ) 3.04 NEATLY, WATERTIGHT, OBSERVING ALL SAFETY PRECAUTIONS
( ) 3.05 NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-062

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 01 LEAKS

TERMOB NO. 14-063

1.00 CONDITION

( ) 1.01 SHOWER TEMPERING VALVE WITH LEAK
( ) 1.02 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.03 MANUFACTURER'S SPECIFICATIONS
( ) 1.04 REQUIRED REPLACEMENT PARTS
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR DEFECTIVE SHOWER TEMPERING VALVE EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SELECT PARTS
( ) 2.03 EXPOSE INTERNAL PARTS
( ) 2.04 REMOVE DEFECTIVE PARTS
( ) 2.05 INSTALL NEW PARTS
( ) 2.06 REASSEMBLE TEMPERING VALVE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DEFECTIVE TEMPERING VALVE IS REPAIRED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 CORRECT REPLACEMENT PARTS SELECTED
( ) 3.03 SUFFICIENT ACCESS OBTAINED WITH MINIMUM DAMAGE TO WALLS
( ) 3.04 WITHOUT DAMAGING UNDAMAGED PARTS
( ) 3.05 IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
( ) 3.06 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

USOE CODE NO(S) ________

UNIT 01 LEAKS

TERMOB NO. 14-063

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 02 WATER HAMMER

TERMOB NO. 14-064

1.00 CONDITION

( ) 1.01 TWO FAMILY HOUSE WITH WATER HAMMER DUE TO UNSPECIFIED CAUSES
( ) 1.02 COPPER SYSTEM
( ) 1.03 BRASS SYSTEM
( ) 1.04 EXPOSED GALVANIZED OR WROUGHT IRON SYSTEM
( ) 1.05 HAMMER CONTROLS, AIR CHAMBERS
( ) 1.06 VALVES, REGULATORS
( ) 1.07 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.08 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.09 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ELIMINATE WATER HAMMER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DETERMINE CAUSE OF HAMMER
( ) 2.03 SELECT MATERIALS
( ) 2.04 INSTALL CONTROLS, AIR CHAMBERS, VALVES, REGULATORS
( ) 2.05 CHECK FOR HAMMER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 HAMMER ELIMINATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY USING SOUND, LOGICAL METHODS
( ) 3.03 TO CORRECT PROBLEM AT ECONOMICAL COST
( ) 3.04 IN PROPER LOCATION, WATERTIGHT
( ) 3.05 NO HAMMER

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 02 WATER HAMMER

TERMOB NO. 14-064

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 02 WATER HAMMER

TERMOB NO. 14-065

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 HOT WATER BRANCH LINE WITH PUMP CIRCULATING HOT WATER, SUPPLYING 2 WASHING MACHINES AND COMMERCIAL DISHWASHER WITH A SEVERE WATER HAMMER
( ) 1.03 COPPER SYSTEM
( ) 1.04 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.05 HAMMER CONTROLS/AIR CHAMBERS
( ) 1.06 VALVES/REGULATORS
( ) 1.07 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 ELIMINATE WATER HAMMER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DETERMINE CAUSE OF HAMMER
( ) 2.03 SELECT MATERIALS
( ) 2.04 INSTALL CONTROLS/AIR CHAMBERS/VALVES/REGULATORS
( ) 2.05 CHECK FOR HAMMER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 HAMMER ELIMINATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, USING SOUND LOGICAL METHODS
( ) 3.03 TO CORRECT PROBLEM AT ECONOMICAL COST
( ) 3.04 IN PROPER LOCATION
( ) 3.05 NO HAMMER

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 02 WATER HAMMER

TERMOB NO. 14-065

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 03 BLOCKAGE

TERMOB NO. 14-066

1.00 CONDITION

( ) 1.01 CLOGGED SEWER MAIN
( ) 1.02 SAFETY HARNESS
( ) 1.03 POWER DRIVEN SEWER SNAKE
( ) 1.04 GAS TESTER
( ) 1.05 PICK AXE
( ) 1.06 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.07 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 FREE CLOGGED SEWER MAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 OPEN MANHOLE
( ) 2.03 TEST FOR GASES
( ) 2.04 INSERT FLEXIBLE SHAFT AND CLEANING ATTACHMENT
( ) 2.05 WORK SHAFT INTO BLOCKAGE
( ) 2.06 FREE OBSTRUCTION
( ) 2.07 REPLACE MANHOLE COVER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SEWER MAIN FREED OF BLOCKAGE TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 CAREFULLY
( ) 3.03 NO EXPLOSIVE GASES, PRESENCE OF BREATHABLE OXYGEN
( ) 3.04 WITH NO POWER APPLIED
( ) 3.05 SLOWLY
( ) 3.06 CONTINUING THROUGH OR PULLING STOPPAGE OUT
( ) 3.07 PROPERLY SET

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING
USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 03 BLOCKAGE
TERMOB NO. 14-066

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 03 BLOCKAGE

TERMOB NO. 14-067

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 CLOGGED STACK BUILDING DRAIN
( ) 1.03 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 UNBLOCK STACK BUILDING DRAIN OR BUILDING SEWER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CHECK CLEANOUTS
( ) 2.03 DISLODGE CLOG WORKING SNAKES FROM HIGH SIDE
( ) 2.04 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 DRAIN/SEWER UNBLOCKED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 LOCATING CLEANOUT JUST AHEAD OF CLOG
( ) 3.03 DRAIN FREE-FLOWING
( ) 3.04 OPERATING PROPERLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 03 BLOCKAGE

TERMOB NO. 14-067

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 03 BLOCKAGE

TERMOB NO. 14-068

1.00 CONDITION

( ) 1.01 CLOGGED TRAP
( ) 1.02 TOILET
( ) 1.03 SINK/TUB
( ) 1.04 WIRE
( ) 1.05 CHEMICALS
( ) 1.06 FORCE CUP
( ) 1.07 SINK SNAKE
( ) 1.08 GARDEN HOSE
( ) 1.09 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.10 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 FREE CLOGGED WASTE SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS:

( ) 2.02 REMOVE CLEANOUT PLUG AND CLEAR TRAP
( ) 2.03 USE FORCE CUP
( ) 2.04 USE CHEMICALS
( ) 2.05 USE BENT WIRE
( ) 2.06 USE SINK SNAKE
( ) 2.07 USE GARDEN HOSE WITH BACKFLOW PREVENTER
( ) 2.08 USE POWER SNAKE
( ) 2.09 REMOVE SEGMENTS OF WASTE SYSTEM AND CLEAN

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 STOPPAGE CLEARED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 SYSTEM CLEARED IF PLUG AVAILABLE
( ) 3.03 SYSTEM CLEARED
( ) 3.04 SYSTEM CLEARED
( ) 3.05 SYSTEM CLEARED
( ) 3.06 SYSTEM CLEARED
( ) 3.07 SYSTEM CLEARED. NO BACK FLOW
( ) 3.08 SYSTEM CLEARED
( ) 3.09 SYSTEM CLEARED

MISOE NO. ________________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 03	BLOCKAGE
		TERMOB NO.	14-068

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 04 PRESSURE

TERMOB NO. 14-069

1.00 CONDITION

( ) 1.01 SUPPLY LINE WITH POOR WATER PRESSURE DUE TO SILT
( ) 1.02 AIR PUMP
( ) 1.03 WATER PUMP
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 RESTORE CITY PRESSURE TO SUPPLY LINES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 DRAIN SYSTEM
( ) 2.03 REMOVE ALL FAUCET STRAINERS
( ) 2.04 CLOSE ALL OUTLET VALVES IN STRUCTURE
( ) 2.05 SUPPLY WATER OR AIR AT WATER MAIN INLET
( ) 2.06 OPEN VALVES
( ) 2.07 FLUSH SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CITY PRESSURE RESTORED AT OUTLETS TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY TO WATER MAIN
( ) 3.03 COMPLETELY, NO DAMAGE TO FIXTURES
( ) 3.04 COMPLETELY
( ) 3.05 FULLY USING CITY PRESSURE, PUMP OR AIR
( ) 3.06 LOWERMOST VALVES FIRST
( ) 3.07 THOROUGHLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 04 PRESSURE

TERMOB NO. 14-069

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 04 PRESSURE

TERMOB NO. 14-070

1.00 CONDITION

( ) 1.01 SECOND FLOOR COLD WATER SUPPLY LINE WITH INADEQUATE PRESSURE DUE TO INCORRECT DIAMETER PIPE
( ) 1.02 COPPER SYSTEM
( ) 1.03 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 APPROPRIATE LENGTHS OF PIPE OF ASSORTED DIAMETERS
( ) 1.06 FITTINGS/CONNECTORS/ADAPTERS AS NEEDED
( ) 1.07 VALVES, REGULATORS AS NEEDED
( ) 1.08 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 IMPROVE COLD WATER PRESSURE IN SECOND FLOOR SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 REMOVE PIPE/FITTINGS OF INCORRECT SIZE
( ) 2.03 INSTALL VALVES AND/OR REGULATORS
( ) 2.04 INSTALL PROPER SIZE COPPER TUBING
( ) 2.05 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WATER PRESSURE IMPROVED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 8 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 CAREFULLY WITHOUT DAMAGING SURROUNDING PLUMBING
( ) 3.03 PROPER LOCATION
( ) 3.04 PROPERLY JOINED
( ) 3.05 WATERTIGHT, NO LEAKS

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ________________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 04 PRESSURE

TERMOB NO. 14-070

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 05 BACK

TERMOB NO. 14-071

1.00 CONDITION

( ) 1.01 FIRST FLOOR DRAIN THAT BACKS UP WITH WATER FROM SECOND FLOOR
( ) 1.02 CAST IRON WASTE STACK
( ) 1.03 COPPER WASTE BRANCH
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.06 VALVES
( ) 1.07 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 CORRECT BACKUP IN FIRST FLOOR SINK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 REMOVE WASTE ARM FROM FIRST FLOOR SINK
( ) 2.03 PLUG FITTING IN WASTE STACK
( ) 2.04 CUT WYE FITTING INTO HORIZONTAL DRAIN IN BASEMENT
( ) 2.05 INSTALL NEW DRAIN AND CONTINUOUS VENT FOR FIRST FLOOR SINK
( ) 2.06 CONNECT VENT TO STACK ABOVE SECOND FLOOR SINK
( ) 2.07 CONNECT WASTE ARM TO FIRST FLOOR SINK
( ) 2.08 TEST SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 BACKUP CORRECTED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 TO AVOID WET VENTING OF THIS FIXTURE
( ) 3.03 COMPLETELY
( ) 3.04 PROPER ANGLE
( ) 3.05 PROPER PITCH AND CLEANOUTS
( ) 3.06 3 FEET ABOVE FLOOR
( ) 3.07 COMPLETELY
( ) 3.08 NO LEAKS OR BACKUP

MISOE NO. ______

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT	05	BACKUP
		TERMOB NO.		14-071

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 06 THERMAL PROTECTION AND MAINTENANCE
TERMOB NO. 14-072

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 15 FEET OF FROZEN PIPE WITH ONE VALVE AND TWO ELBOWS
( ) 1.03 BOILING WATER
( ) 1.04 RUBBER HOSE
( ) 1.05 FUNNEL
( ) 1.06 SODIUM HYDROXIDE
( ) 1.07 TORCH
( ) 1.08 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 THAW FROZEN PIPES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 APPLY HEAT
( ) 2.03 APPLY BOILING WATER
( ) 2.04 APPLY SODIUM HYDROXIDE
( ) 2.05 OPERATE SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PIPES THAWED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 WITH CAUTION UNTIL PIPES THAW
( ) 3.03 UNTIL PIPES THAW
( ) 3.04 WITH EXTREME CAUTION
( ) 3.05 PROPERLY OPERATING

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 06 THERMAL PROTECTION AND MAINTENANCE

TERMOB NO. 14-072

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 06 THERMAL PROTECTION AND MAINTENANCE
TERMOB NO. 14-073

1.00 CONDITION

( ) 1.01 15 FOOT LENGTHS OF HOT AND COLD WATER/STEAM PIPES TO BE COVERED
( ) 1.02 SELECTION OF PIPE COVERING
( ) 1.03 ADHESIVES
( ) 1.04 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSULATE PIPES/VALVES AND FITTINGS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SELECT INSULATION MATERIAL
( ) 2.03 INSTALL INSULATION ON PIPES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PIPES INSULATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ECONOMICAL COST TO PRODUCE ADEQUATE RESULTS
( ) 3.03 NEATLY, COMPLETELY COVERED

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING
USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 06 THERMAL PROTECTION AND MAINTENANCE
TERMOB NO. 14-073

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 06 THERMAL PROTECTION AND MAINTENANCE
TERMOB NO. 14-074

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 FROZEN COPPER OR STEEL PIPE
( ) 1.03 TRANSFORMER OR GENERATOR
( ) 1.04 CABLES
( ) 1.05 CLAMPS
( ) 1.06 SANDPAPER
( ) 1.07 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 THAW FROZEN PIPES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 ISOLATE FROZEN SECTION OF PIPE
( ) 2.03 CLEAN ENDS OF PIPE
( ) 2.04 MAKE ELECTRICAL CONNECTIONS
( ) 2.05 GENERATE HEAT FROM ELECTRICITY
( ) 2.06 OPERATE SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PIPES THAWED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FROM ALL OTHER PLUMBING
( ) 3.03 TO BARE METAL
( ) 3.04 "GOOD" CONNECTIONS
( ) 3.05 CAREFULLY MONITORING FLOW
( ) 3.06 OPERATING PROPERLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 06 THERMAL PROTECTION AND MAINTENANCE

TERMOB NO. 14-074

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 06 THERMAL PROTECTION AND MAINTENANCE
TERMOB NO. 14-075

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 HOUSE PLUMBING SYSTEM
( ) 1.03 RUBBER HOSE
( ) 1.04 ETHYLENE GLYCOL
( ) 1.05 SUCTION PUMP
( ) 1.06 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 WINTERIZE PLUMBING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER SERVICE
( ) 2.03 REMOVE WATER METER
( ) 2.04 OPEN ALL FAUCETS
( ) 2.05 REMOVE ALL SHUT OFF STEMS
( ) 2.06 DRAIN ALL TRAPS
( ) 2.07 DRAIN AND DRY ALL TOILET TANKS
( ) 2.08 DRAIN ALL STORAGE TANKS
( ) 2.09 DRAIN HEATING SYSTEM
( ) 2.10 FILL ALL TAPS WITH ANTIFREEZE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 PLUMBING SYSTEM WINTERIZED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY
( ) 3.03 CAREFULLY
( ) 3.04 COMPLETELY
( ) 3.05 TIE TO SHUT OFFS
( ) 3.06 COMPLETELY
( ) 3.07 COMPLETELY
( ) 3.08 COMPLETELY
( ) 3.09 COMPLETELY
( ) 3.10 FULL TO PREVENT ENTRY OF SEWER GAS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

USOE CODE NO(S) ____________

UNIT 06 THERMAL PROTECTION AND MAINTENANCE

TERMOB NO. 14-075

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-076

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 BLUEPRINT (SHOP DRAWING)
( ) 1.03 PEDESTAL WASH BASIN
( ) 1.04 CENTER SET
( ) 1.05 PLUG AND OVERFLOW
( ) 1.06 APPROPRIATE CHROME CONNECTORS AND ADAPTERS
( ) 1.07 APPROPRIATE LENGTHS OF PIPE
( ) 1.08 VALVES AND FITTINGS
( ) 1.09 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL CENTER SET ON PEDESTAL WASH BASIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CUT PIPE
( ) 2.05 INSTALL VALVES AND DRAIN
( ) 2.06 MAKE CONNECTION TO WASTE PIPE
( ) 2.07 MAKE CONNECTION TO WATER SUPPLY
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CENTER SET INSTALLED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 1/2 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION ACCORDING TO ACCEPTED PLUMBING TECHNIQUES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 ACCURATELY ± 1/32"
( ) 3.05 PROPERLY ALIGNED
( ) 3.06 WATERTIGHT
( ) 3.07 NEATLY AND WATERTIGHT
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-076

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-077

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS
( ) 1.02 BALL TYPE SINGLE LEVER FAUCET
( ) 1.03 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.04 REPAIR KIT ALLOWING COMPLETE REPLACEMENT OF: ADJUSTING RING, CAM ASSEMBLY, BALL, SEAT ASSEMBLY, "O" RINGS AND DIVERTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR LEAKING BALL TYPE SINGLE LEVER FAUCET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 LOCATE CAUSE OF LEAK
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL APPROPRIATE PARTS
( ) 2.05 ADJUST SYSTEM AS NECESSARY
( ) 2.06 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BALL TYPE FAUCET REPAIRED ACCORDING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ALL PARTS INSPECTED AND ALL MALFUNCTIONING PARTS ACCOUNTED FOR
( ) 3.03 INSURING PROPER OPERATION AT ECONOMICAL COST
( ) 3.04 ACCURATELY, ALL PARTS FUNCTIONING PROPERLY
( ) 3.05 SYSTEM CONFORMS TO MANUFACTURER'S STANDARDS
( ) 3.06 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ________________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ________________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-077

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-078

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 EXISTING SINK WITH COMPRESSION TYPE FAUCET
( ) 1.03 SINGLE LEVER FAUCET
( ) 1.04 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE COMPRESSION TYPE FAUCET WITH SINGLE LEVER FAUCET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 REMOVE OLD FAUCET
( ) 2.03 INSTALL NEW FAUCET
( ) 2.04 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 NEW FAUCET INSTALLED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NEATLY, NO DAMAGE TO EXISTING PIPE
( ) 3.03 PROPERLY SEATED AND WATERTIGHT
( ) 3.04 NO LEAKS

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ______________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-078

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 07 FAUCETS

TERMOB NO. 14-079

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 LAUNDRY FAUCET WHICH DRIPS AND LEAKS FROM STUFFING BOX
( ) 1.03 ASSORTED WASHERS
( ) 1.04 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR DRIPPING LAUNDRY FAUCET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER
( ) 2.03 REMOVE SPINDLE ASSEMBLY
( ) 2.04 REPLACE FAUCET WASHER
( ) 2.05 REPLACE BIB WASHER
( ) 2.06 REASSEMBLE FAUCET
( ) 2.07 CHECK FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FAUCET REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY
( ) 3.03 CAREFULLY
( ) 3.04 PROPER SIZE PROPERLY SEATED
( ) 3.05 PROPER SIZE PROPERLY SEATED
( ) 3.06 SECURELY
( ) 3.07 NO LEAKS

MISOE NO.

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT	07	FAUCETS
		TERMOB NO.		14-079

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
		UNIT	08	TOILETS
		TERMOB NO.		14-080

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 BALLCOCK ASSEMBLY
( ) 1.03 EXISTING CLOSE COUPLE WATER CLOSET
( ) 1.04 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE BALLCOCK IN A CLOSE COUPLE WATER CLOSET EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER AND DRAIN TANK
( ) 2.03 REMOVE BALLCOCK ASSEMBLY
( ) 2.04 DETACH FLOAT ARM
( ) 2.05 INSTALL NEW BALLCOCK
( ) 2.06 TEST FOR LEAKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 BALLCOCK REPLACED TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 COMPLETELY
( ) 3.03 CAREFULLY
( ) 3.04 CAREFULLY
( ) 3.05 PROPERLY SEATED AND SEALED
( ) 3.06 NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 08 TOILETS

TERMOB NO. 14-080

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 08 TOILETS

TERMOB NO. 14-081

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 WALL HUNG TANK
( ) 1.04 LIFT, GUIDE WIRES, GUIDE ARM, TANK BALL
( ) 1.05 TANK VALVE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE TANK VALVE AND FLUSH ELL IN WALL HUNG TANK EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SHUT OFF WATER
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 REMOVE OLD TANK VALVE
( ) 2.05 REMOVE OLD FLUSH ELL
( ) 2.06 INSTALL NEW TANK VALVE
( ) 2.07 INSTALL NEW FLUSH ELL (INCLUDING LIFT, GUIDE WIRES, GUIDE ARM AND TANK BALL)
( ) 2.08 ADJUST SYSTEM AS NECESSARY
( ) 2.09 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 NEW VALVE AND FLUSH ELL INSTALLED ACCORDING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 3 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NO LEAKS
( ) 3.03 INSURING PROPER OPERATION AT ECONOMICAL COST
( ) 3.04 COMPLETELY REMOVED, SETTING CLEAN
( ) 3.05 COMPLETELY REMOVED, AREA CLEAN
( ) 3.06 PROPERLY ALIGNED, NO LEAKS
( ) 3.07 WORKING PROPERLY, PROPERLY ALIGNED
( ) 3.08 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.09 OPERATING PROPERLY WITH NO LEAKS

MISOE NO.____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 08	TOILETS
		TERMOB NO.	14-081

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 09 GAS BURNERS

TERMOB NO. 14-082

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 VERBAL INSTRUCTIONS
( ) 1.03 GAS WATER HEATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CLEAN BURNER, PILOT ASSEMBLY AND CHAMBER IN GAS WATER HEATER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TURN OFF GAS AND WATER
( ) 2.03 CLEAN BURNER AND PILOT
( ) 2.04 CLEAN CHAMBER
( ) 2.05 TURN ON GAS AND WATER
( ) 2.06 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BURNER, PILOT ASSEMBLY AND CHAMBER CLEANED CONFORMING WITH ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 NO LEAKS
( ) 3.03 BURNER AND PILOT REMOVED, THOROUGHLY CLEANED AND REINSTALLED PROPERLY
( ) 3.04 ALL SEDIMENT REMOVED
( ) 3.05 BOTH SYSTEMS ON FULL
( ) 3.06 OPERATING PROPERLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 09 GAS BURNERS

TERMOB NO. 14-082

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 09 GASBURNERS

TERMOB NO. 14-083

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 VERBAL INSTRUCTIONS
( ) 1.03 PILOT APPARATUS
( ) 1.04 THERMOCOUPLE ASSEMBLY
( ) 1.05 GAS BURNER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE PILOT AND THERMOCOUPLE ASSEMBLY FOR A GAS BURNER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 SELECT MATERIALS FOR JOB
( ) 2.03 TURN OFF GAS
( ) 2.04 REMOVE OLD PILOT AND THERMOCOUPLE AND CLEAN LINES
( ) 2.05 INSTALL NEW PILOT
( ) 2.06 INSTALL NEW THERMOCOUPLE ASSEMBLY
( ) 2.07 ADJUST SYSTEM AS NECESSARY
( ) 2.08 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 PILOT AND THERMOCOUPLE ASSEMBLY REPLACED CONFORMING TO LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 INSURING DURABLE CONSTRUCTION AT MINIMAL COST
( ) 3.03 NO LEAKAGE
( ) 3.04 ALL RESIDUE AND/OR DEBRIS REMOVED
( ) 3.05 PROPERLY ALIGNED WITH NO LEAKS
( ) 3.06 ALL CONNECTIONS MADE PROPERLY
( ) 3.07 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.08 OPERATING PROPERLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 09 GAS BURNERS

TERMOB NO. 14-083

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 10 BOILERS

TERMOB NO. 14-084

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 VERBAL INSTRUCTIONS
( ) 1.03 DUAL CONTROL VALVE
( ) 1.04 BACKFLOW PREVENTER
( ) 1.05 ASSORTED BRASS NIPPLES AND FITTINGS
( ) 1.06 SHUTOFFS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE DUAL CONTROL VALVE ON WATER SUPPLY TO HOT WATER HEATING BOILER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS
( ) 2.04 DRAIN SYSTEM
( ) 2.05 INSTALL NEW VALVE
( ) 2.06 INSTALL BACKFLOW PREVENTER
( ) 2.07 INSTALL SHUTOFFS
( ) 2.08 REFILL SYSTEM
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DUAL CONTROL VALVE REPLACED CONFORMING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING PROPER CONSTRUCTION
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 TO BELOW TOP OF BOILER
( ) 3.05 PROPERLY ALIGNED
( ) 3.06 PROPERLY ALIGNED, NEATLY
( ) 3.07 PROPERLY ALIGNED, ON BOTH SIDES OF NEW CONTROL
( ) 3.08 SYSTEM PURGED COMPLETELY OF AIR
( ) 3.09 SYSTEM CONFORMING TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 10 BOILERS

TERMOB NO. 14-084

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 10 BOILERS

TERMOB NO. 14-085

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 EXPANSION TANK
( ) 1.03 TANK DRAINER
( ) 1.04 EXISTING HEATING SYSTEM
( ) 1.05 VERBAL INSTRUCTIONS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL TANK DRAINER IN EXPANSION TANK FOR HEATING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 CLOSE SHUT-OFF
( ) 2.05 DRAIN TANK
( ) 2.06 REMOVE DRAW-OFF
( ) 2.07 INSTALL TANK DRAINER
( ) 2.08 OPEN SHUT-OFF
( ) 2.09 ADJUST SYSTEM AS NECESSARY
( ) 2.10 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 TANK DRAINER INSTALLED CONFORMING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 WATER FLOW COMPLETELY STOPPED
( ) 3.05 TANK EMPTY
( ) 3.06 DRAIN-OFF REMOVED
( ) 3.07 WATER-TIGHT, PROPERLY ALIGNED
( ) 3.08 TANK COMPLETELY REFILLED
( ) 3.09 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.10 OPERATING PROPERLY WITH NO LEAKS

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

USOE CODE NO(S) ____________

UNIT 10 BOILERS

TERMOB NO. 14-085

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 11 HEATING AND COOLING UNITS

TERMOB NO. 14-086

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 BLUEPRINT (SHOP DRAWING)
( ) 1.04 REQUIRED HARDWARE (STRAPS, HANGERS, ETC.)
( ) 1.05 SAFE PAN
( ) 1.06 SIX-INCH CHILLED WATER AIR CONDITIONING LINES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL SAFE PAN UNDER EXPOSED EXPANSION JOINTS ON SIX INCH CHILLED WATER AIR CONDITIONING LINES EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 HANG PAN
( ) 2.05 CUT TUBING FOR INDIRECT WASTE
( ) 2.06 INSTALL INDIRECT WASTE
( ) 2.07 ADJUST SYSTEM AS NECESSARY
( ) 2.08 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SAFE PAN INSTALLED CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 10 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND LOCAL CODES
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 PROPERLY ALIGNED WITH EXPANSION JOINTS NO LONGER EXPOSED
( ) 3.05 ACCURATELY ± 1/32"
( ) 3.06 SECURE WITH PROPER PITCH FOR DRAINAGE
( ) 3.07 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.08 OPERATING PROPERLY

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S) ____________

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 11 HEATING AND COOLING UNITS

TERMOB NO. 14-086

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 11 HEATING AND COOLING UNITS

TERMOB NO. 14-087

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 VERBAL INSTRUCTIONS
( ) 1.03 AIR UNIT, LACK OF COLD AIR, DRIPPING WATER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TROUBLE SHOOT AIR UNIT DRIPPING WATER AND DISPLAYING LACK OF COLD AIR EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CHECK FOR ICE ON COILS
( ) 2.03 CHECK FOR LEAKING DRIP PAN
( ) 2.04 CHECK FOR CLOGGED DRAIN LINES
( ) 2.05 ADJUST AS NECESSARY
( ) 2.06 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 COLD AIR RESTORED AND DRIPPING STOPPED ACCORDING TO ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 4 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 CLEAN FILTERS, REPLACE IF NECESSARY
( ) 3.03 REPAIR, REPLACE IF NECESSARY
( ) 3.04 SNAKE OR BLOW OUT
( ) 3.05 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.06 OPERATING PROPERLY, TROUBLE CORRECTED

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION	03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT	11	HEATING AND COOLING UNITS
		TERMOB NO.		14-087

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ____________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE
UNIT 11 HEATING AND COOLING UNITS
TERMOB NO. 14-088

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 BETWEEN AIR COMPRESSOR AND RECEIVER
( ) 1.04 BLUEPRINT (SHOP DRAWING)
( ) 1.05 HANGERS, STRAPS, ETC.
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 SPECIAL FITTINGS, SHOCK ABSORBERS
( ) 1.08 RINSE TANK
( ) 1.09 BACKFLOW PREVENTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL WATER-AFTER COOLER WITH COLD WATER SUPPLY AND DRAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 HANG WATER-AFTER COOLER
( ) 2.05 DRIVE HOLES
( ) 2.06 CUT TUBING
( ) 2.07 INSTALL TUBING
( ) 2.08 MAKE CONNECTION TO WASTE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 INSTALL BACKFLOW PREVENTER
( ) 2.11 INSTALL SHOCK ABSORBER
( ) 2.12 ADJUST SYSTEM AS NECESSARY
( ) 2.13 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WATER-AFTER COOLER INSTALLED CONFORMING TO BLUEPRINT, MASSACHUSETTS PLUMBING CODE, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND MASSACHUSETTS CODE
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 NEATLY, LESS THAN 1/8" OVERSIZE
( ) 3.06 ACCURATELY + 1/32"

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 SOLDERING EQUIPMENT (TABLE T-3B)
( ) 1.03 BETWEEN AIR COMPRESSOR AND RECEIVER
( ) 1.04 BLUEPRINT (SHOP DRAWING)
( ) 1.05 HANGERS, STRAPS, ETC.
( ) 1.06 FITTINGS, CONNECTORS, ADAPTERS AS NEEDED
( ) 1.07 SPECIAL FITTINGS, SHOCK ABSORBERS
( ) 1.08 RINSE TANK
( ) 1.09 BACKFLOW PREVENTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 INSTALL WATER-AFTER COOLER WITH COLD WATER SUPPLY AND DRAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 HANG WATER-AFTER COOLER
( ) 2.05 DRIVE HOLES
( ) 2.06 CUT TUBING
( ) 2.07 INSTALL TUBING
( ) 2.08 MAKE CONNECTION TO WASTE
( ) 2.09 MAKE CONNECTION TO WATER SUPPLY
( ) 2.10 INSTALL BACKFLOW PREVENTER
( ) 2.11 INSTALL SHOCK ABSORBER
( ) 2.12 ADJUST SYSTEM AS NECESSARY
( ) 2.13 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 WATER-AFTER COOLER INSTALLED CONFORMING TO BLUEPRINT, MASSACHUSETTS PLUMBING CODE, AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMANCE WITH BLUEPRINT AND MASSACHUSETTS CODE
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE
( ) 3.05 NEATLY, LESS THAN 1/8" OVERSIZE
( ) 3.06 ACCURATELY ± 1/32"
( ) 3.07 ACCURATELY, INSURING SOUND JOINT
( ) 3.08 WATERTIGHT
( ) 3.09 NEATLY AND WATERTIGHT
( ) 3.10 FUNCTIONING PROPERLY
( ) 3.11 FUNCTIONING PROPERLY, LITTLE VIBRATION
( ) 3.12 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.13 OPERATING PROPERLY WITH NO LEAKS

MISOE NO.

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 11 HEATING AND COOLING UNITS

TERMOB NO. 14-088

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 11 HEATING AND COOLING UNITS

TERMOB NO. 14-089

1.00 CONDITION

( ) 1.01 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.02 BLUEPRINT (SHOP DRAWING)
( ) 1.03 PIPES OF VARIOUS DIAMETERS
( ) 1.04 SUPPORTS
( ) 1.05 VIBRA-PADS
( ) 1.06 APPROPRIATE ADAPTERS AND CONNECTORS
( ) 1.07 AIR COMPRESSOR
( ) 1.08 RECEIVER
( ) 1.09 EXISTING MAIN

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL 5 H.P. AIR COMPRESSOR AND RECEIVER TO EXISTING MAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL AIR COMPRESSOR
( ) 2.05 DRILL HOLES
( ) 2.06 INSTALL RECEIVER
( ) 2.07 CUT PIPE
( ) 2.08 INSTALL PIPE
( ) 2.09 MAKE CONNECTION TO MAIN
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR COMPRESSOR AND RECEIVER INSTALLED TO EXISTING MAIN CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMING TO BLUEPRINT
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE INSURING NO UNNECESSARY VIBRATION
( ) 3.05 ACCURATELY
( ) 3.06 ACCURATELY AND NEATLY, AIR TIGHT
( ) 3.07 ACCURATELY + 1/32"

( ) 1.01 BASIC PLUMBERS TOOLS (TABLE T-3)
( ) 1.02 BLUEPRINT (SHOP DRAWING)
( ) 1.03 PIPES OF VARIOUS DIAMETERS
( ) 1.04 SUPPORTS
( ) 1.05 VIBRA-PADS
( ) 1.06 APPROPRIATE ADAPTERS AND CONNECTORS
( ) 1.07 AIR COMPRESSOR
( ) 1.08 RECEIVER
( ) 1.09 EXISTING MAIN

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 INSTALL 5 H.P. AIR COMPRESSOR AND RECEIVER TO EXISTING MAIN EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 TAKE MEASUREMENTS
( ) 2.03 SELECT MATERIALS FOR JOB
( ) 2.04 INSTALL AIR COMPRESSOR
( ) 2.05 DRILL HOLES
( ) 2.06 INSTALL RECEIVER
( ) 2.07 CUT PIPE
( ) 2.08 INSTALL PIPE
( ) 2.09 MAKE CONNECTION TO MAIN
( ) 2.10 ADJUST SYSTEM AS NECESSARY
( ) 2.11 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR COMPRESSOR AND RECEIVER INSTALLED TO EXISTING MAIN CONFORMING TO BLUEPRINT, LOCAL CODES AND ACCEPTED PLUMBING TECHNIQUES TO APPROVAL OF A BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 12 HOURS WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 ACCURATELY, INSURING SOUND CONSTRUCTION AND CONFORMING TO BLUEPRINT
( ) 3.03 INSURING SOUND CONSTRUCTION AT ECONOMICAL COST
( ) 3.04 LEVEL AND SECURE INSURING NO UNNECESSARY VIBRATION
( ) 3.05 ACCURATELY
( ) 3.06 ACCURATELY AND NEATLY, AIR TIGHT
( ) 3.07 ACCURATELY ± 1/32"
( ) 3.08 INSURING SOUND JOINTS, AIRTIGHT
( ) 3.09 AIRTIGHT
( ) 3.10 CONFORMING TO MANUFACTURER'S SPECIFICATIONS
( ) 3.11 WORKING PROPERLY, AIR TIGHT

MISOE NO. ____________

PROGRAM	PLUMBING AND PIPEFITTING	DIVISION 03	REPAIR AND MAINTENANCE
USOE CODE NO(S)		UNIT 11	HEATING AND COOLING UNITS
		TERMOB NO.	14-089

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 12 FLUSHOMETER

TERMOB NO. 14-090

1.00 CONDITION

( ) 1.01 VERBAL INSTRUCTIONS
( ) 1.02 BASIC PLUMBERS' TOOLS (TABLE T-3)
( ) 1.03 DIAPHRAGM, RELIEF VALVE, OTHER APPROPRIATE PARTS
( ) 1.04 FLUSHOMETER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR CONTINUOUS RUNNING FLUSHOMETER EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CLEAN OUT BY-PASS
( ) 2.03 REPLACE DEFECTIVE DIAPHRAGM, RELIEF VALVE, IF NECESSARY
( ) 2.04 ADJUST AS NECESSARY
( ) 2.05 INSPECT OPERATION OF SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FLUSHOMETER REPAIRED SO THAT IT DOES NOT RUN WATER TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN 1 HOUR WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY

( ) 3.02 FREE RUNNING
( ) 3.03 REPLACE DEFECTIVE PARTS ACCORDING TO ACCEPTED PLUMBING TECHNIQUES
( ) 3.04 SYSTEM CONFORMS TO MANUFACTURER'S SPECIFICATIONS
( ) 3.05 OPERATING PROPERLY

MISOE NO. ______________

PROGRAM PLUMBING AND PIPEFITTING

USOE CODE NO(S)

DIVISION 03 REPAIR AND MAINTENANCE

UNIT 12 FLUSHOMETER

TERMOB NO. 14-090

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

TABLE T-3

BASIC PLUMBERS' TOOLS

6' FOLDING RULE

ALUMINUM LEVEL

RIPPING CLAW HAMMER

COLD CHISEL

8" LINESMAN PLIERS

10" TONGUE AND GROOVE PLIERS

PLUMB BOB

CHALK LINE

DIVIDERS

8" PIPE WRENCH

10" PIPE WRENCH

14" PIPE WRENCH

14" CHAIN WRENCH

BASIN WRENCH

2" SPUD WRENCH

6" ADJUSTABLE WRENCH

8" ADJUSTABLE WRENCH

HACKSAW WITH BLADE

PHILLIPS STYLE SCREWDRIVER

ROUND BLADE SCREWDRIVER

SQUARE BLADE SCREWDRIVER

SMALL TUBING CUTTER 1/8" - 1 1/8"

LARGE TUBING CUTTER 1" - 2 1/8"

BALLPEEN HAMMER

WOOD CHISEL

AVIATION SNIPS

ASSORTED FILES

PIPE JOINT CUTTER

SOLDER

8" LINESMAN PLIERS

10" TONGUE AND GROOVE PLIERS

PLUMB BOB

CHALK LINE

DIVIDERS

8" PIPE WRENCH

10" PIPE WRENCH

14" PIPE WRENCH

14" CHAIN WRENCH

BASIN WRENCH

2" SPUD WRENCH

6" ADJUSTABLE WRENCH

8" ADJUSTABLE WRENCH

HACKSAW WITH BLADE

PHILLIPS STYLE SCREWDRIVER

ROUND BLADE SCREWDRIVER

SQUARE BLADE SCREWDRIVER

SMALL TUBING CUTTER 1/8" - 1 1/8"

LARGE TUBING CUTTER 1" - 2 1/8"

BALLPEEN HAMMER

WOOD CHISEL

AVIATION SNIPS

ASSORTED FILES

PIPE JOINT CUTTER

SOLDER

FLUX

THREAD SEALING TAPE

PIPE TAPS 1/8" - 3/4"

TABLE T-3 (CONT.)

BASIC PLUMBERS' TOOLS

COMPASS SAW

INSIDE AND OUTSIDE CAULKING IRON

ASSORTED HAND DRAIN AND SEWER AUGERS

CLOSET AUGERS

SUCTION AND FORCE PUMPS

FORCE CUP

TRAP PUMP

HAND HELD ELECTRIC DRAIN CLEANER

DRAIN CLEANING MACHINES

ASSORTED RODS AND CABLES

ASSORTED PIPE WRENCHES 18" TO 48"

COMPOUND LEVERAGE PIPE WRENCHES

ASSORTED PIPE THREADERS - RATCHET TYPE 1/8" - 1 1/4"

RATCHET THREADERS 1" - 2"

GEARED THREADERS 2 1/2" - 4"

ASSORTED PIPE CUTTERS 1/8" - 6"

ASSORTED PIPE REAMERS

PORTABLE VISES

PORTABLE POWER DRIVE

POWER THREADING MACHINE

PIPE SUPPORT

CUTTING OIL

BOLT THREADERS

NIPPLE CHUCK

UTILITY OILER

WICKING

ASSORTED ELECTRIC DRILLS 1/4" - 3/4"

HIGH SPEED DRILL BITS

SUCTION AND FORCE PUMPS
FORCE CUP
TRAP PUMP
HAND HELD ELECTRIC DRAIN CLEANER
DRAIN CLEANING MACHINES
ASSORTED RODS AND CABLES
ASSORTED PIPE WRENCHES 18" TO 48"
COMPOUND LEVERAGE PIPE WRENCHES
ASSORTED PIPE THREADERS - RATCHET TYPE 1/8" - 1 1/4"
RATCHET THREADERS 1" - 2"
GEARED THREADERS 2 1/2" - 4"
ASSORTED PIPE CUTTERS 1/8" - 6"
ASSORTED PIPE REAMERS
PORTABLE VISES
PORTABLE POWER DRIVE
POWER THREADING MACHINE
PIPE SUPPORT
CUTTING OIL
BOLT THREADERS
NIPPLE CHUCK
UTILITY OILER
WICKING
ASSORTED ELECTRIC DRILLS 1/4" - 3/4"
HIGH SPEED DRILL BITS
MASONRY BITS
AUGER BITS
HOLE SAWS
ELECTRIC HAMMERS
STAR DRILLS - BULL POINTS - CHIPPERS

TABLE T-3 (CONT.)

BASIC PLUMBERS' TOOLS

ROTARY HAMMER DRILLS

PERCUSSION BITS

SAWZALL WITH ASSORTED BLADES

CIRCULAR SAW WITH ASSORTED BLADES

JIG SAW WITH ASSORTED BLADES

GRINDERS WITH ASSORTED WHEELS, BRUSHES AND DISCS

TABLE T-3A

CAST IRON SOIL PIPE EQUIPMENT

FURNACE

THERMOMETER

MELTING POT

LADLES

LEAD

OAKUM

ASSORTED JOINT RUNNERS

ASSORTED PACKING IRONS

ASSORTED CAULKING IRONS

SOIL PIPE CUTTERS

SOIL PIPE ASSEMBLY TOOL

GASKET GREASE

TORQUE WRENCHES

2' LEVELS

STEEL TAPES 25' - 100'

TWINE

LINE LEVEL

ASSORTED TEST PLUGS

TEST GAUGES

TABLE T-3B

COPPER TUBING AND SOLDERING EQUIPMENT

ASSORTED TORCHES

ASSORTED SOLDERS

SOLDERING IRONS

FLUXS

FURNACE

ELECTRIC SOLDERING UNIT

TUBING CUTTERS 2" - 4 1/8"

PVC CUTTERS AND REAMERS

INTERNAL TUBING CUTTERS 1/2" - 4"

ASSORTED TUBING BENDERS

ASSORTED REAMERS

FLARING TOOL

HAMMER TYPE FLARING TOOLS

SIZING TOOL

TEST PLUGS

HYDROSTATIC TESTER

TEST GAUGES

CLEANERS AND EPOXYS

TABLE T-3C

WELDING EQUIPMENT

CYLINDER OF OXYGEN
CYLINDER OF ACETYLENE
CONNECTING HOSES
REGULATORS
APPARATUS WRENCH
WELDING TIPS
TORCH
SPARK LIGHTER
CHIPPING HAMMER
WEDGES
CLAMPS
PLIERS
TONGS
GLOVES
SHIELD
APRON
POWER SOURCE
CABLES
WELDING RODS

Table T-4 Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

1. Division________ Performance Statement______________________
   Unit_____________ ____
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   ____

2. Division________ Performance Statement______________________
   Unit_____________ ____
   ____
   ____

3. Division________ Performance Statement______________________
   Unit_____________ ____
   ____
   ____

4. Division________ Performance Statement______________________
   Unit_____________ ____
   ____
   ____

5. Division________ Performance Statement______________________
   Unit_____________ ____
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6. Division________ Performance Statement______________________
   Unit_____________ ____
   ____
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1. Division__________ Performance Statement____________________
Unit______________
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2. Division__________ Performance Statement____________________
Unit______________
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3. Division__________ Performance Statement____________________
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4. Division__________ Performance Statement____________________
Unit______________
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5. Division__________ Performance Statement____________________
Unit______________
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6. Division__________ Performance Statement____________________
Unit______________
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7. Division__________ Performance Statement____________________
Unit______________
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Table T-4 (Cont'd) Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

8. Division________ Performance Statement______________________

Unit____________ ______________________________________

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9. Division________ Performance Statement______________________

Unit____________ ______________________________________

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10. Division________ Performance Statement______________________

Unit____________ ______________________________________

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11. Division________ Performance Statement______________________

Unit____________ ______________________________________

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12. Division________ Performance Statement______________________

Unit____________ ______________________________________

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13. Division________ Performance Statement______________________

Unit____________ ______________________________________

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and extents will be incorporated later.

8. Division________ Performance Statement____________________

Unit____________ ____

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9. Division________ Performance Statement____________________

Unit____________ ____

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10. Division________ Performance Statement____________________

Unit____________ ____

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11. Division________ Performance Statement____________________

Unit____________ ____

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12. Division________ Performance Statement____________________

Unit____________ ____

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13. Division________ Performance Statement____________________

Unit____________ ____

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14. Division________ Performance Statement____________________

Unit____________ ____

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14-086 INSTALL SAFE PAN UNDER EXPOSED EXPANSION JOINTS T-180
14-087 TROUBLE SHOOT AIR UNIT DRIPPING WATER T-182
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14-089 INSTALL 5 H.P. AIR COMPRESSOR AND RECEIVER T-186
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